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STATE AIR POLLUTION IMPLEMENTATION PLAN

ENVIRONMENTAL PROTECTION AGENCY

SEPTEMBER 1975

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September 1975

STATE AIR POLLUTION IMPLEMENTATION PLAN PROGRESS REPORT,

JANUARY 1 TO JUNE 30, 1975

U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Air and Waste Management
Office of Air Quality Planning and Standards
Research Triangle Park, North Carolina 27711

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This report presents for each state data on the attainment status by Air Quality Control Region (AQCR) for total suspended particulate (TSP) and sulfur dioxide (SO_2), ambient air quality monitoring, air quality maintenance areas, status of selected portions of the State Implementation Plans, resources (manpower and funding), compliance status of selected source categories, and enforcement actions. Over 53 and 73 percent of the AQCRs are considered likely to attain, respectively, primary TSP and SO_2 National Ambient Air Quality Standards by the statutory date. Since the last report in this series (EPA-450/2-75-003, April 1975), the number of major emitters identified has increased to 19,360; 84 percent of these are now in compliance with either an emission standard or an acceptable compliance schedule, an increase of over 2600 sources since December 1974.

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and

U.S. Environmental Protection Agency
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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Air and Waste Management
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FOREWORD

This is the fifth in a continuing series of reports assessing the progress made by States in implementing the Clean Air Act, specifically Section 110. Although the report is primarily intended to cover the first six months of calendar year 1975, the majority of the information is current through September 1975.

This document has a somewhat different approach from previous reports in this series in that the bulk of it focuses on information compiled for each of the 55 states. Depicted for each state are the attainment status by AQCR for total suspended particulate and sulfur dioxide, ambient air quality monitoring data, designated air quality maintenance areas, status of selected portions of the State Implementation Plans, a comparison of projected and available resources, compliance status of selected source categories, and an enforcement action summary. Progress in the reduction of ambient carbon monoxide and oxidant levels is summarized in Part I. Data for nitrogen oxides are not included because the Federal reference method for measuring ambient levels has not been finalized.

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ABBREVIATIONS AND SYMBOLS

AQCRs	Air Quality Control Regions
AQDHS	Air Quality Data Handling Subsystem
AQMAs	Air Quality Maintenance Areas
CDHS	Comprehensive Data Handling System
CO	carbon monoxide
CDS	Compliance Data System
40 CFR 51	Title 40, Part 51, of the Code of Federal Regulations
COG	Council of Governments
CY	calendar year
DOT	U.S. Department of Transportation
EIS/P&R	Emission Inventory Subsystem/Permits and Registration
EMS	Enforcement Management System
EPA	(U.S.) Environmental Protection Agency
FGD	flue gas desulfurization
FY	fiscal year
HC	hydrocarbons
I/M	inspection/maintenance
NAAQS	National Ambient Air Quality Standards
NO_2	nitrogen dioxide
OAQPS	Office of Air Quality Planning and Standards
O_x	oxidant
SAROAD	Storage and Retrieval of Aerometric Data
SCS	supplementary control system
SIP	State Implementation Plan
SMSA	Standard Metropolitan Statistical Area
SO_2	sulfur dioxide
State	Refers to the District of Columbia and four U.S. territories as well as the 50 states
TCP	Transportation Control Plan
TSP	total suspended particulate

ACKNOWLEDGMENTS

The preparation of this report resulted from information provided by the state and local air pollution control agencies, the Environmental Protection Agency Regional Offices, and various EPA Headquarters groups.

As with earlier reports relating to State Implementation Plan progress, this edition continues to be a joint effort between the Division of Stationary Source Enforcement, Office of Enforcement, and the Office of Air Quality Planning and Standards, Office of Air and Waste Management.

Information on enforcement activities was provided by the Division of Stationary Source Enforcement, Office of Enforcement. Additional specific information on EPA air programs can be obtained by contacting the EPA Regional Offices.

PART I SUMMARY

ATTAINMENT OF STANDARDS

The attainment date for primary National Ambient Air Quality Standards (NAAQS) for most states was May 31, 1975. Analysis is continuing to determine the attainment status of each Air Quality Control Region (AQCR). When the NAAQS are computed as annual averages, EPA's current policy is to determine attainment on a calendar year of ambient air quality data. Thus final decisions concerning attainment status cannot be made until data for CY 1976 become available. Because air quality data available for this analysis are generally current only to the third quarter of 1974, attainment status for each AQCR is a preliminary judgment rather than an absolute determination and is subject to change as more information becomes available.

Figure I-1 presents the anticipated attainment status of the 247 AQCRs for total suspended particulate (TSP) and sulfur dioxide (SO_2). Over 53 percent of the AQCRs are considered likely to attain TSP standards, and over 73 percent are considered likely to attain SO_2 standards. For 22 percent of the AQCRs information is insufficient for an estimate at this time. Table A in each State Profile presents the estimated attainment status of each AQCR in each state for TSP and SO_2. These assessments reflect Regional Office analysis current to August 31, 1975.

Ambient air quality data on carbon monoxide (CO) and oxidant (0_x) were analyzed during spring 1975 to determine principal urban areas for which the data show violations of the NAAQS. According to this analysis, principal urban areas in 79 AQCRs are reporting violations of the NAAQS for oxidant/ozone, and principal urban areas in 69 AQCRs are reporting violations of the NAAQS for CO. The most current analysis of progress achieved in reducing ambient levels of CO and 0_x is discussed in the

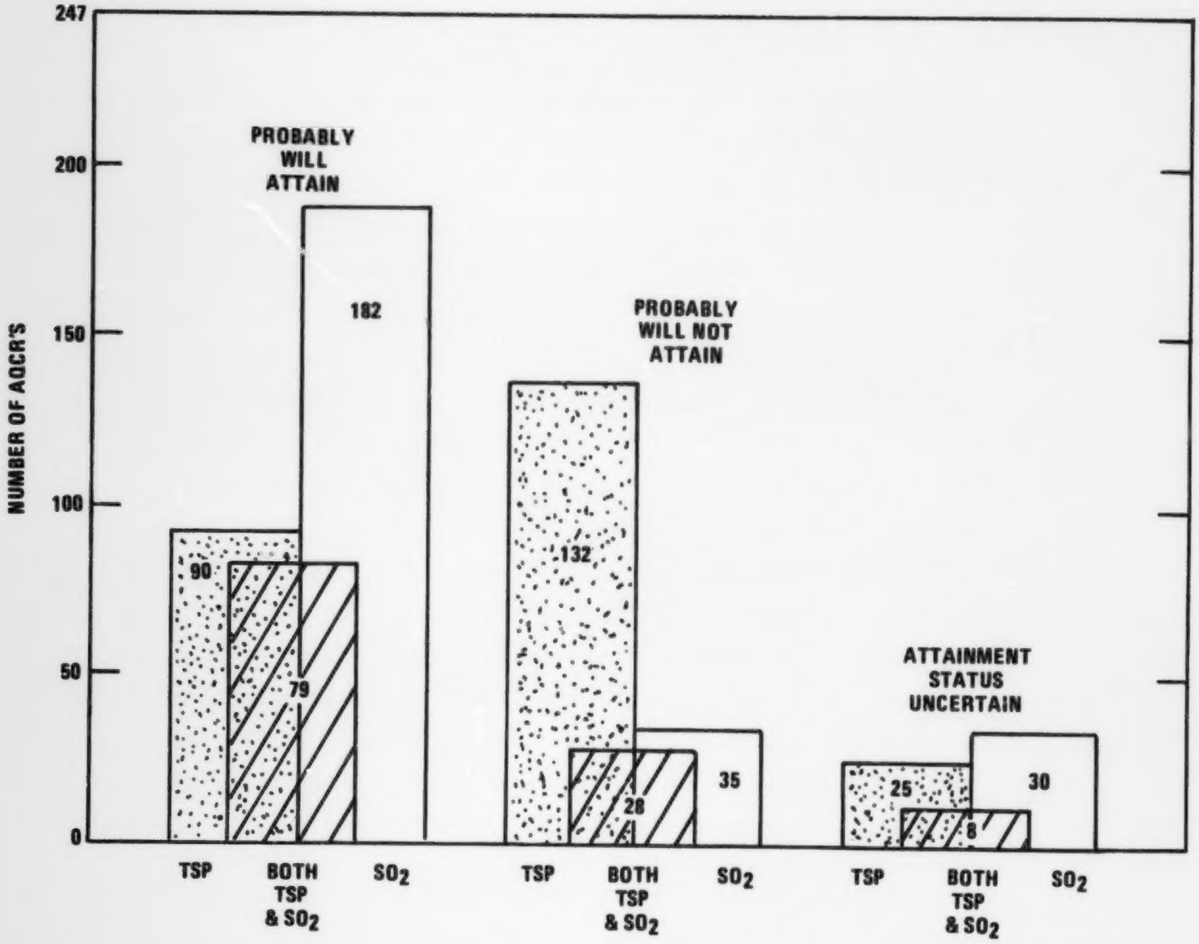

Figure I-1. Anticipated attainment of national TSP and SO_2 primary ambient air quality standards (August 31, 1975).[2]

Administrator's Press Conference on Air Quality Progress of May 30, 1975:

> *For carbon monoxide, associated almost entirely with motor vehicles, the percentage of readings exceeding the eight-hour standard has declined nationally by more than 50 percent. Also, for the limited areas in which sufficient data now exist to define a trend, concentrations of photochemical oxidants, which are produced largely by hydrocarbon emissions from both mobile and stationary sources, have shown improvements. The Los Angeles and San Francisco areas are cases in point. ...with auto-related pollutants, it is important to bear in mind that even if the 90 percent emission reductions originally required in the Clean Air Act for the 1975 models had gone into effect on schedule instead of being deferred by both legislative and administrative actions, many areas still would have been unable to attain the air quality standards by the mid-1975 deadline without transportation controls and other measures. Similarly, such supplemental measures still will be needed in a number of areas years from now, even when all cars on the road meet the statutory emission standards.*

These figures show that much work remains to be done before the nation as a whole will attain ambient standards. However, significant progress in reducing levels of pollution has occurred. Since 1970, for example, the percentage of air monitors reporting values exceeding the primary (health) standard has decreased from 12 to 3 percent for sulfur dioxide, from 50 to 23 percent for total suspended particulate (TSP) annual average, and from 16 to 8 percent for TSP 24-hour average. The percentages for each of the compared years are based on the total number of pollutant-specific monitoring instruments reporting to SAROAD in those respective years.

Source emissions have also been reduced. Figure I-2 depicts emission trends for each of the five pollutants from 1970 to 1974.

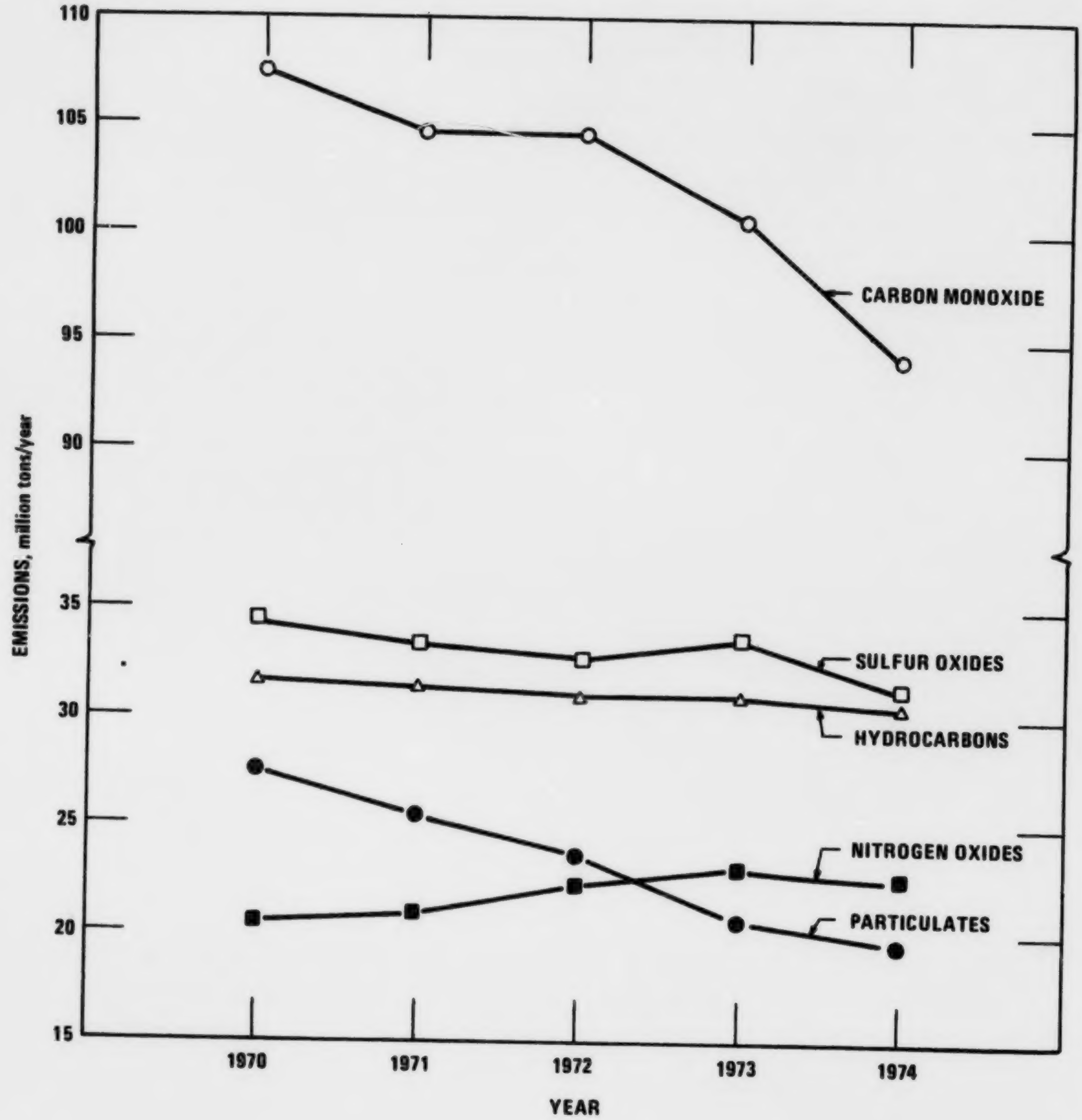

Figure I-2. Nationwide emission trends, 1970-1974.

DATA REPORTING

Nationally, the number of ambient trend monitors reported in CY 74 to SAROAD for each of the criteria pollutants exceeds in every case the minimum required network. However, for the nation as a whole to satisfy minimum requirements, the number of sensors in each AQCR must satisfy the monitoring requirements specific to that AQCR.

Applying the criterion that monitoring requirements for a state are met only if a state has fulfilled the commitment for each AQCR within the state, ambient trend monitoring is incomplete or inadequate in some states. States meeting the minimum requirements without a deficient AQCR within their boundaries are summarized as follows:

- For TSP, all 55 states are required to have a network and 39 of the 55 currently satisfy this requirement.
- For SO_2, all 55 states are required to have a network and 45 of the 55 are fulfilling this commitment.
- For CO, 25 states are required to have a network and 15 of the 25 are meeting this commitment. (Thirty states are not now required to have a CO network.)
- For O_x, 35 states are required to have a network and 17 of the 35 are fulfilling this commitment. (Twenty states are not now required to have O_x networks.)

Table B in each State Profile presents the number of ambient trend monitoring instruments reporting compared to the number of monitors proposed in the SIP rather than comparing the number reporting to the minimum number. A significant number of states are operating networks even though they are not required to do so. This monitoring activity is summarized as follows:

- For CO, 30 states are not required to have a network; however, 15 of these 30 proposed networks in their SIPs and three of the 15 submitted data for CY 74.

- For 0_x, 20 states are not required to have a monitoring network, but 7 of these 20 states have proposed networks in their SIPs and all 7 reported data for CY 74.

(All 55 states are required to have TSP and SO_2 networks.)

STATE IMPLEMENTATION PLAN REVISIONS FOR AIR QUALITY MAINTENANCE

On June 19, 1975, 40 CFR 51.12 was amended to provide that the Administrator establish by July 1, 1976, a date for submission of a plan for each designated AQMA. The amended 40 CFR 51.12 further states that the submittal dates will vary according to the magnitude of the plan revisions involved. EPA intends to propose the detailed requirements concerning the method of AQMA analysis by October 31, 1975. This proposal will likely modify the existing 10-year period over which the AQMA plans must be responsive. This latitude will allow regional discretion in the planning cycles for specific AQMAs. Table I-1 summarizes the final AQMAs identified by the Administrator by state and pollutant. Table C in each State Profile provides details on the AQMAs in each state.

Table I-1. SUMMARY OF FINAL AQMA DESIGNATIONS

Number of states	Number of AQMAs	Pollutant				
		TSP	SO_2	CO	0_x	NO_2
43[a]	168	159	61	24	49	5

[a] Twelve states have no AQMAs.

OVERVIEW OF STATE IMPLEMENTATION PLANS (SIPs)

The SIPs continue to be amended to correct deficiencies found by the courts as well as to meet technical changes required by emerging issues. No state plan is currently fully approved although the degree to which each plan is disapproved varies from state to state.

On July 22, 1975, new procedures for the development, review, and approval of SIP revisions were initiated. These procedures will eliminate any distinction between "state initiated" and "EPA initiated" SIP revisions and will also eliminate the previous requirements for formal headquarters concurrence on most SIP approval/disapproval actions. The Regional Administrators now have authority to sign Federal Register notices proposing EPA-initiated SIP revisions in addition to their existing authority to sign such notices for state-initiated revisions. Further, all SIP revisions will be categorized as either "normal" or "special action." Headquarters will not review normal actions and will be involved only in the policy review of special action SIP revisions. The special action category will be reserved for revisions having national policy implications.

Since January 1975 EPA has taken the following significant actions related to the SIPs:

- Completed final designations for AQMAs; designations for 17 states were completed in the past 6 months, bringing the total to 43 states (12 states have no AQMAs).
- Published final regulations for the prevention of significant deterioration, including the addition of ferroalloy-producing facilities to the list of 18 source categories to be reviewed.
- Amended 40 CFR 51.12 to rescind the June 18, 1975, date for state submittals of SIP revisions for maintenance and to specify that Regional Administrators will determine submission dates for each AQMA.
- Suspended the indirect source regulations from Federal enforcement.

- Suspended the parking management regulations.
- Proposed SO_2 control strategy for Kennecott smelter at Hurley, New Mexico.

During the last 6-month reporting period, a number of SIP revisions have also been initiated by the states. Seven states have submitted indirect source plans, four of which EPA has approved. Three states have submitted plan revisions correcting deficiencies in the public availability of emission data; two of the revisions have been proposed and one has been finalized. In addition, SO_2 control regulations for the ASARCO smelter at Helena, Montana, have been proposed, and most portions of an SO_2 control strategy assigning each major point source a sulfur-in-fuel limitation were approved for Puerto Rico.

In addition, excluding the state-initiated actions on compliance schedules, states submitted 41 proposals for SIP revisions, 19 of which have been published as final rulemaking. Forty-two approval actions were taken by EPA on state submittals for compliance schedule changes.

Table D in each State Profile presents the status of each state on three selected portions of the SIPs.

CONTROL AGENCY RESOURCES

The gap between the need for and availability of state and local air pollution control resources to attain and maintain ambient standards continues to exist. Additional state and local resources are needed to implement relatively untried or innovative control techniques, especially those pertaining to the siting of new sources and air pollution control programs that are related to land use and transportaion. Manpower models have predicted resource needs to be about 10,000 man-years. The state air pollution agencies estimated in 1973 that 9500 man-years were necessary to accomplish the basic implementation plans. The shortfall, using the 9500 man-year estimate as the base in FY 1975, showed that approximately 75 percent of the manpower and 77 percent of the funds were actually available. Although there have been token increases in manpower and funding, in FY 75 only 80 percent of the states expended an effort in man-years and dollars equivalent to 60 percent or more of their stated resource needs. Resources increased principally because state and local funds increased approximately 20 percent over FY 74, whereas Federal grants increased by slightly less than 2 percent. Table E in each State Profile compares projected and actual manpower and funding levels for each state in FY 75.

SOURCE COMPLIANCE ACTIVITIES

EPA and states have to date focused on ensuring compliance by major emitters. Of some 200,000 sources subject to SIP requirements, about 20,000 major emitters are projected to produce 85 percent of all stationary source air pollution. To date, nearly all (19,360) of the sources have been identified by state, local and EPA action. On a national basis, 84 percent of the major emitters are in compliance (i.e., either by meeting a compliance schedule to abate pollution before the attainment date or by meeting emission standards); this represents an increase of 13 percent during the past 6 months. However, 11 percent of the sources are out of compliance and an additional 5 percent are of unknown compliance status.

From January to June 1975, EPA made 3,365 investigations of source compliance (including plant inspections, opacity observations, emission tests, and formal inquiries for evidence based on the authority of section 114 of the Act). This total is an increase of over 800 investigations from the previous 6 months. This activity resulted in 360 enforcement actions, a 50 percent increase over the 234 actions taken in the preceding 6 months.

States report that in the last 6 months they have conducted over 93,000 investigations of compliance status and have taken some 9,686 enforcement actions.

PART II. OVERVIEW OF STATE PLANS

ENFORCEMENT OF STATE PLANS

The Clean Air Act establishes a stringent timetable for EPA and states to abate air pollution. With a few notable exceptions (e.g., sulfur oxide emission limitations for the State of Ohio), all states now have enforceable emission limitations for stationary installations, the source of the large majority of all particulate and sulfur oxide pollution produced by man. These limitations are designed to reduce ambient pollutant concentrations to levels protective of health and welfare. The Act provides 3 years from the date of state plan approval for EPA and states to enforce SIP emission limitations and achieve health-related air quality standards. Except for portions of 16 states (where extensions of up to 2 years were granted for one or more pollutants), the primary National Ambient Air Quality Standards (NAAQS) were to be achieved by May 31, 1975.

When the primary NAAQS are computed as an annual average, data for at least one calendar year after the attainment date are necessary to establish conclusively whether the standards have been met. However, of a total of 247 Air Quality Control Regions, it is currently estimated that 132 will not achieve primary NAAQS for particulate matter and 35 will not attain primary NAAQS for sulfur oxides. The reasons for non-attainment are still being assessed, but appear to be the result of one or more of the following factors: inadequate State Implementation Plan, continued violations by a relatively small number of major sources, numerous minor-source violations, windblown dust, and/or high background levels of a pollutant.

To reach the air quality target levels, state and Federal enforcement programs have the responsibility of ensuring that stationary sources achieve and maintain compliance with emission limitations established by the SIP. This is an immense task since it is estimated that on the order of 200,000 stationary sources are subject to SIP emission limitations. Of this number, however, approximately 20,000 are major emitters (i.e., facilities individually capable of emitting over 100 tons of a pollutant per year) which, as a class, produce about 85 percent of all air pollution from stationary sources. Accordingly, EPA, state and local enforcement programs have focused first on ensuring compliance by this class of heavy emitters in order to produce the greatest reduction in pollution levels with available resources. As of June 30, 1975, 19,360 major emitters had been identified by states and EPA and had been included in state and Federal source inventories.

EPA and state/local agencies have implemented vigorous enforcement programs to ensure that violations of the SIP requirements are dealt with expeditiously. States have prime responsibility for achieving the NAAQS. However, where states cannot or will not act, the Act requires EPA to enforce. In the past 6 months, EPA has taken some 360 enforcement actions (about 190 notices of violation and 170 enforcement orders or civil/criminal actions), a 50 percent increase over the 234 taken in the preceding 6 months. Summaries of these actions current through June 1975 are included in Table H in each State Profile. Federal investigations of compliance status also reflect the effort on the part of EPA to ensure compliance of stationary sources. In the 6-month period ending June 1975, EPA completed 3,365 investigations (including plant inspections, opacity observations, emission tests, and formal inquiries for evidence, based on the authority of section 114 of the Act), an increase of over 800 such actions from the preceding 6 months.

State actions are responsible for the bulk of an increase in the number of major sources brought into compliance. These actions have primarily been independently initiated, but in some cases occurred as a result of Federal stimulation. States report that in the last 6-month period they have conducted about 93,000 investigations of compliance status and have taken some 9,686 enforcement actions (6,966 notices of violation and 2,720 enforcement orders or civil/criminal actions). This emphasis on enforcement activity by the state enforcement programs has resulted in great increases in the number of major sources brought into compliance. Table G in each State Profile summarizes state and local enforcement activities for each state.

Of the 19,360 identified major sources mentioned above, a total of some 16,200 (84 percent) now comply with applicable emission limits or are meeting compliance schedules, an increase of over 2,600 sources from the level reported as of December 1974. As of June 1975, only about 1,000 (5 percent) of the identified major sources require further EPA and state investigation to determine compliance status. About 2,100 major sources (11 percent) are suspected to violate emission limitations or compliance schedules; these sources are subject to current EPA, state and local agency case development efforts. Table II-1 summarizes the compliance status of major emitters by region.

Despite this progress in SIP enforcement, several categories of major sources have not achieved compliance with emission standards within the time limits prescribed by the Act. Notable among these sources are coal-fired power plants, iron and steel manufacturing plants, and smelters. (See Table II-2 and Table H in each State Profile.) Continuing special efforts by EPA to ensure compliance by these classes of sources are addressed separately below.

In addition to the problems caused by continuing violations by classes of heavy industrial emitters, it is becoming increasingly apparent that in many areas of the country poor air quality is the result of large numbers of violations by categories of the smaller emitters (i.e., less than 100 tons per year). To date, enforcement against minor sources has been left almost exclusively to the state and local agencies. Enforcement against the great numbers of these lesser emitters has, however, presented a larger task than can be accomplished by local agencies using the limited resources available. EPA and states are now conducting analyses of each non-attainment AQCR to isolate those minor sources responsible for delays in the

Table II-1. COMPLIANCE STATUS OF MAJOR EMITTERS, BY REGION
June 30, 1975

Region	Total Identified Sources	In Compliance				Out of Compliance				Unknown Compliance Status	
		With Standard	With Schedule	Total in Compliance		Not Meeting Schedule	No Schedule	Total out of Compliance			
				Number	%[a]			Number	%[a]	Number	%[a]
I	1330	863	48	911	68	30	338	368	28	51	4
II	1612	1179	69	1248	78	88	160	248	15	116	7
III	2827	2109	470	2579	91	177	71	248	9	0	0
IV	4825	3534	803	4337	90	199	155	354	7	134	3
V	1983	1084	486	1570	79	47	312	359	18	54	3
VI	2006	1324	89	1413	70	60	207	267	14	326	16
VII	1642	1063	247	1310	80	30	41	71	4	261	16
VIII	444	310	103	413	93	6	23	29	7	2	0
IX	2104	1811	129	1940	92	23	73	96	5	68	3
X	587	431	38	469	80	80	16	96	16	22	4
Total	19,360	13,708	2,482	16,190	84	740	1396	2,136	11	1034	5

[a] Calculated as percentage of total major sources identified.

Table II-2. COMPLIANCE STATUS OF NATIONAL PRIORITY SOURCES[a]

Type of Source/ (Primary Pollutant)	Total Number Identified	Status with respect to emission limitation and/or compliance schedule		
		In Compliance	In Violation	Unknown Status
I. ALL MAJOR SOURCES (e.g. sources capable of emitting 100+ tons/yr of a pollutant	19,360	16,190 (84%)	2,136 (11%)	1,035 (5%)
II. PRIORITY MAJOR SOURCES				
A. Power Plants (SO_x)	383	276 (72%)	60 (16%)	47[b] (12%)
B. Smelters (SO_x)	25	5 (20%)	4 (16%)	16[c] (64%)
C. Steel Processes (Particulate) (includes coke batteries, sinter lines, open hearth furnaces, electric arc furnaces, basic oxygen furnaces, and blast furnaces	1,177	449 (38%)	301 (26%)	427 (36%)
D. Petroleum Refineries (HC)	260	173 (67%)	34 (13%)	53 (20%)
E. Kraft & Sulfite Pulp Mills (SO_x)	150	87 (58%)	34 (23%)	29 (19%)
F. Municipal Incinerators	230	110 (48%)	85 (37%)	35 (15%)

[a] Numbers represent facilities rather than emission points for all source categories except steel, which is broken down by processes.

[b] Power plants - the 47 power plants of unknown compliance status are located in the state of Ohio where there is presently no SIP emission limitation for SO_2. EPA is preparing a regulation for promulgation.

[c] Smelters - of the 16 sources of unknown status; 2 are subject to inadequate SIPs now being revised; 14 are located in areas with no emission limit (however at 12 of these sites ambient air quality standards are known to be exceeded).

attainment of health-related air quality standards, and are developing action plans to identify and determine the compliance status of an estimated 130,000 of these sources.

Primary Non-Ferrous Smelters

Though small in number, the nation's 25 non-ferrous smelters account for about 10 percent of the total sulfur oxides emitted by stationary sources. Most of the Agency's problems in assuring compliance by non-ferrous smelters have centered in the western U.S., where six State Implementation Plans for sulfur dioxide affecting 13 smelters were disapproved in 1972 as inadequate to meet the NAAQS unless the smelters were controlled. Regulations have been promulgated for one smelter and proposed for three others, and will soon be proposed for the remainder. These regulations require application of reasonably available retrofit control technology and, if necessary, allow the interim use of supplementary control systems (SCS) and tall stacks until adequate constant emission control techniques become reasonably available. Each smelter using SCS is further required to conduct a research and development program to hasten the development of such technology. The one regulation that has been promulgated (in Nevada) is now under review in the Ninth Circuit Court of Appeals on a challenge under section 307 of the Clean Air Act.

Five smelters in the eastern U.S. are now violating an approved regulation. With few exceptions, state agencies are adequately responding to the problem. In one case, EPA issued an administrative order to enforce the regulation; in another, enforcement is stayed by a challenge to the SIP under section 307; and one smelter ceased operations in May 1975, pursuant to a state order.

About half of the primary non-ferrous smelters are located in AQCRs where statutory attainment dates have been extended to July 1977. No major obstacles are anticipated that might prevent achievement of primary ambient standards in the vicinity of these sources by the mid-1977 deadlines by using SCS; however, installation of some constant control devices may not be completed before the attainment date. Those subject to mid-1975 deadlines are, for the most part, nearing compliance.

Iron and Steel Mills/Coke Plants

The iron and steel industry presents one of the most difficult compliance problems for state and Federal air pollution enforcement programs. There are about 200 of these installations in the United States, of which 140 produce iron and steel (and may or may not produce coke), while the remainder produce solely coke to be used in metallurgical and other industries. Nearly all of these installations are located in areas where the health-related ambient air quality standards are not expected to be attained. Further, at least one SIP emission limitation is being violated at almost every installation. Within steel facilities are a number of processes, each of which presents tough technical problems to control. Six of these processes, judged to produce the greatest amount of pollution and be the most difficult to control, are: by-product coke batteries, blast furnaces, sintering lines, open hearth furnaces, basic oxygen furnaces, and electric arc furnaces. There are nearly 1,200 of these major emitting steel processes; they characterize the basic means of producing iron and steel and are the subject of intensifying EPA and state enforcement attention.

As indicated in Table II-2, the steel industry is characterized by less than half the degree of compliance of all other major sources, more than twice the violations, and a need for a great deal of investigation of compliance status. It is important to note that this comparison shows the steel sources in the most favorable light, since the compliance status of individual processes within steel facilities is being compared to the status of total installations. (The source of the total major source compliance information is the EPA formal reporting system; under this system an installation having several processes, only one of which is in violation or of unknown status, must be classified as in violation or of unknown compliance as a whole.)

To date EPA has initiated 54 enforcement actions at 33 iron and steel installations (32 notices of violation, 18 enforcement orders, and 4 referrals to the Justice Department for civil/criminal prosecution).

Reflecting the increased emphasis given steel industry compliance, 21 of these actions were taken since December 1974, compared to 25 such actions in all of 1974 and 8 actions in all of 1973. As a result of these actions:

2 installations contend they are in final compliance,
14 installations are meeting EPA schedules,
4 installations are meeting state schedules,
6 installations are negotiating schedules with EPA,
1 installation is negotiating a schedule with the state,
3 installations are subjects of state/EPA court actions, and
3 installations are challenging the SIP under section 307 of the Clean Air Act; further enforcement action is delayed pending outcome of the SIP review.

Details of each EPA enforcment action are provided in Table H in the State Profiles.

Coal-Fired Power Plants

By mid-1973, it became evident to EPA that many coal-fired power plants were not making plans to comply with sulfur oxide emission limitations because supplies of low-sulfur coal (the favored approach to compliance with emission standards) were becoming scarce, and alternative routes to compliance, such as stack gas scrubbers, were viewed by the industry as unreliable. National public hearings were held in the fall of 1973 to determine the validity of the utilities' contentions regarding optional means of compliance. After hearing testimony from a variety of experts and interested parties, the 1973 hearing panel concluded that the basic technological problems associated with flue gas desulfurization (FGD) had been solved or were within the scope of current engineering and, further, that FGD could be applied at reasonable cost. A special EPA enforcement program was then initiated for power plants on the basis of these findings.

Significant progress has been made since these hearings. Two hundred seventy-six coal fired power plants (72 percent of all such installations) now comply with emission limitations or abatement schedules, up from 240 complying facilities (62 percent) noted as of December 1974. Emission limitations have yet to be promulgated for 47 power plants, however, and 60 power plants are owned by utilities yet to establish firm commitments to comply. Sulfur oxide emissions from these power plants continue to have a major impact on achieving the primary ambient air quality standards. Compliance by the power plants therefore remains a high priority for state and Federal programs. The status of EPA and state/local enforcement efforts in this area is indicated in Tables G and H in each State Profile.

AIR QUALITY MONITORING AND DATA REPORTING

Judging state achievement of monitoring network commitments is a complex task; numbers must be interpreted with care. EPA regulations on air quality surveillance, contained in 40 CFR 51.17, give specifications for a minimum number of monitors for each pollutant in each AQCR. In some states, one or more AQCRs may not have the minimum number of monitors for a given pollutant while other AQCRs in the state may have more than the minimum. If the numbers of monitors in these AQCRs are added for a state total, the sum may be equal to or greater than the sum of the minimum numbers of monitors so that the state appears to have achieved its minimum monitoring network. To avoid such misleading results, a state should be considered to have met its commitment only if every AQCR in that state has met its commitment.

The monitoring network for TSP provides an example of deceptive totals. Fifty-one of the 55 states (93 percent) report a total number of TSP monitors that exceeds the minimum. In 12 of these states, however, at least one AQCR is deficient. Therefore, only 39 states (71 percent) are known to be fulfilling minimum monitoring requirements.

In addition to the minimum number of monitors, every SIP set a proposed goal for the number of monitors to be operating in each AQCR in 1974; this proposed number of monitors is usually larger than the minimum number. Table B in the State Profiles compares the number of reporting monitors to the number of proposed monitors rather than comparing the reporting number to the minimum number. The following tabulations present, by pollutant, the status of the states with respect to both minimum and proposed monitoring networks. Numbers of monitors given reflect numbers in the SAROAD (Storage and Retrieval of Aerometric Data) system as of July 15, 1975. Because of format errors and time lags in reporting, SAROAD may not contain information on all active monitors.

Monitoring Network for TSP

Minimum - Thirty-nine of the 55 states (71 percent) are fulfilling minimum reporting requirements for TSP monitors. Thirty-four states are reporting more than twice their minimum numbers of TSP monitors.

Proposed - Forty states have proposed networks that are up to three times the size of minimum networks; of these 40, 15 are meeting their proposed commitments. The remaining 15 states proposed to have from three to seven times their minimum number of monitors, but only three of these are reporting the proposed number.

Monitoring Network for SO_2

Minimum - Forty-five of the 55 states (82 percent) are reporting the minimum number of SO_2 monitors; 43 of the 45 are reporting twice the minimum number.

Proposed - Thirty-one of the 55 states have proposed networks up to three times as large as their minimum networks; 16 of these are reporting the proposed number of monitors. The other 24 states proposed networks more than three times as large as the minimum, but only 5 are fulfilling this commitment.

Monitoring Network for CO

Minimum - Only 25 of the 55 states are required to have CO monitors. Of these 25, 15 states (60 percent) are reporting the minimum number of monitors and 10 of the 15 are reporting at least twice the minimum number. (Although 30 states have no CO requirements, 17 of these have set up monitors and are submitting data.)

Proposed - Of the 25 states required to have CO monitors, 17 have proposed networks up to three times the size of minimum networks; 7 of the 17 states are meeting these commitments. Eight of the 25 states have proposed networks more than three times the size of minimum networks, and three of these are meeting that number. (Of the 30 states not required to have CO monitors, 15 have proposed networks; 13 of these report at least one monitor, but only 3 are meeting the proposed number.)

Monitoring Network for O_x

Minimum - Thirty-five of the 55 states are required to have monitoring networks for O_x. Of these 35, 17 states (49 percent) are reporting the minimum number of monitors; 10 of the 17 are reporting twice the minimum number. (Although 20 of the 55 states are not required to have networks for O_x, 7 of these have established networks and are submitting data.)

Proposed - Of the 35 states that are required to have O_x monitors, 29 have proposed networks that are up to three times the size of minimum networks; 10 of these are meeting their proposed commitments. (Of the 20 states that have no O_x requirements, 7 states proposed to have at least one O_x monitor but only one state met this number.)

Data Reporting

The Office of Air Quality Planning and Standards (OAQPS) and Regional Offices are continuing the development of the Comprehensive Data Handling System (CDHS) by installing in state agencies software packages that are subsystems of CDHS in order to improve the states' data storage and reporting capabilities. States with the Air Quality Data Handling Subsystem (AQDHS-II) have the capability to build and maintain their own data bases, to retrieve information at any time, and to generate many different kinds of reports - all in a system compatible with SAROAD (Storage and Retrieval of Aerometric Data). The system also generates the quarterly reports required by EPA and, because the reports are already compatible with SAROAD, should result in the data becoming a part of the national data bank in a much more timely manner. The Emissions Inventory Subsystem/Permits and Registration (EIS/P&R). another element of CDHS, provides the same general assistance to states in improving the data handling activities associated with emission information. EIS/P&R is compatible with National Emissions Data System (NEDS). The Enforcement Management System (EMS) enables states to track and schedule enforcment activities; EMS is compatible with the Compliance Data System (CDS). Table II-3 presents the number of states implementing each of these systems.

Table II-3. NUMBER OF STATES IMPLEMENTING SUBSYSTEMS OF CDHS[a]

Status	AQDHS-II[b]	EIS/P&R[c]	EMS[d]
Current installations (EPA sponsored)	4	9	3
Installations in progress	5	3	4
Planned installations	12	7	e
Totals	21	19	7

[a] Comprehensive Data Handling System.

[b] Air Quality Data Handling Subsystem.

[c] Emissions Inventory Subsystem/Permits and Registration.

[d] Enforcement Management System.

[e] Limited installation may be supported by the Office of Enforcement.

Timely submission of emission data remains a problem. Table II-4 shows the status of semiannual emission reports for CYs 73 and 74.

Table II-4. NUMBER OF STATES SUBMITTING SEMIANNUAL EMISSION REPORTS

Region	No. states in region	Report period[a]			
		I, II CY 73	III, IV CY 73	I, II CY 74	III, IV CY 74
I	6	3	0	2	2
II	4	0	1	2	0
III	6	1	3	3	4
IV	8	7	7	8	0
V	6	1	2	3	4
VI	5	4	0	4	5
VII	4	4	3	3	4
VIII	6	5	4	5	0
IX	6	3	2	4	2
X	4	0	2	2	2
Totals	55	28	24	36	23

[a] Roman numerals refer to quarters of the calendar year.

AIR QUALITY MAINTENANCE

On June 18, 1973, EPA regulations on general control strategy, contained in 40 CFR 51.12, were amended to require the State Implementation Plans to identify by May 10, 1974, areas which may have the potential for exceeding any national standard within the next 10-year period as a consequence of current air quality and/or the emissions associated with the projected growth of the area. By August 16, 1974, the Administrator was to publish, based upon information submitted by the States, a list of potential problem areas (Air Quality Maintenance Areas - AQMAs) which would be analyzed by the States in more detail. By June 18, 1975, the states were required to submit an analysis of the impact on air quality of emissions from projected growth in each AQMA designated by the Administrator. Where maintenance problems were identified, the states would also submit plans containing control measures to ensure maintenance of national standards during the ensuing 10-year period.

However, on June 19, 1975, the Administrator amended 40 CFR 51.12 to rescind the June 18 submission date; no new date was established, but by July 1, 1976, the Administrator will establish a date for submission of each AQMA plan. The submittal dates will vary according to the magnitude of the tasks involved. Limited resources in a state may require that an area with an immediate attainment problem be given priority attention over an AQMA without an immediate attainment problem. Placing priority on the use of resources is critical to the overall task of attaining and maintaining standards.

EPA intends to propose by October 31, 1975, detailed requirements concerning the depth and methods of analysis required of the states for AQMAs. The proposal would modify the existing 10-year period over which the AQMA plans must be developed, allowing for planning cycles of different lengths in different AQMAs, depending on their individual problems and the existence of other Federal programs in those areas.

The final AQMA identifications were published in three stages. On April 29, 1975, (40 FR 18726) the Administrator identified 43 AQMAs after considering the submissions of 21 states. The Administrator identified 59 AQMAs for 19 states on June 2, 1975, (40 FR 23746) and 66 AQMAs for the remaining states on September 9, 1975 (40 FR 41942). The AQMAs identified by the Administrator are summarized in Table II-5 by state and by pollutant. Table C in each State Profile presents more detailed information on each AQMA.

Table II-5. DESIGNATED AIR QUALITY MAINTENANCE AREAS

EPA Region	State	Total AQMAs per state	Pollutant				
			TSP	SO_2	CO	O_x	NO_2
I	Connecticut	1	1	1	1	1	-
	Maine	0	-	-	-	-	-
	Massachusetts	4	4	1	-	2	-
	New Hampshire	0	-	-	-	-	-
	Rhode Island	1	1	1	-	1	-
	Vermont	0	-	-	-	-	-
	Totals	6	6	3	1	4	0
II	New Jersey	5	5	2	-	2	-
	New York	10	10	3	1	1	1
	Puerto Rico	12	10	10	-	-	-
	Virgin Islands	0	-	-	-	-	-
	Totals	27	25	15	1	3	1
III	Delaware	0	-	-	-	-	-
	District of Columbia	1	1	1	-	1	-
	Maryland	3	3	1	-	2	-
	Pennsylvania	12	12	4	-	2	-
	Virginia	7	7	-	-	1	-
	West Virginia	0	-	-	-	-	-
	Totals	23	23	6	0	6	0
IV	Alabama	3	3	-	-	-	-
	Florida	3	3	3	-	1	-
	Georgia	4	4	-	-	-	-
	Kentucky	3	3	1	-	1	-
	Mississippi	0	-	-	-	-	-
	North Carolina	3	3	-	-	-	-
	South Carolina	2	2	-	-	-	-
	Tennessee	2	2	-	-	-	-
	Totals	20	20	4	0	2	0
V	Illinois	4	4	3	1	2	1
	Indiana	4	4	4	-	2	-
	Michigan	2	2	-	-	-	-
	Minnesota	2	2	1	-	-	-
	Ohio	9	9	5	-	1	-
	Wisconsin	2	2	1	-	1	-
	Totals	23	23	14	1	6	1

Table II-5(cont.). DESIGNATED AIR QUALITY MAINTENANCE AREAS

EPA Region	State	Total AQMAs per state	Pollutant				
			TSP	SO_2	CO	O_x	NO_2
VI	Arkansas	1	1	-	-	-	-
	Louisiana	1	1	-	-	-	-
	New Mexico	5	3	-	5	1	-
	Oklahoma	2	2	-	-	2	-
	Texas	7	5	1	-	6	-
	Totals	16	12	1	5	9	0
VII	Iowa	6	6	-	1	-	-
	Kansas	1	1	-	-	-	-
	Missouri	2	2	1	-	1	-
	Nebraska	1	1	-	-	-	-
	Totals	10	10	1	1	1	0
VIII	Colorado	5	5	1	5	3	1
	Montana	6	5	4	2	-	-
	North Dakota	2	2	1	-	1	1
	South Dakota	2	2	-	-	-	-
	Utah	7	7	6	-	-	-
	Wyoming	2	2	1	-	1	-
	Totals	24	23	13	7	5	2
IX	American Samoa	0	-	-	-	-	-
	Arizona	2	2	-	1	2	-
	California	9	7	2	4	8	1
	Guam	0	-	-	-	-	-
	Hawaii	0	-	-	-	-	-
	Nevada	2	2	-	1	1	-
	Totals	13	11	2	6	11	1
X	Alaska	0	-	-	-	-	-
	Idaho	0	-	-	-	-	-
	Oregon	3	3	1	1	1	-
	Washington	3	3	1	1	1	-
	Totals	6	6	2	2	2	0
	National totals	168	159	61	24	49	5

PROCEDURES FOR PROCESSING SIP REVISIONS

On July 22, 1975, new procedures for processing SIP revisions were initiated. These procedures provide the Regional Offices with additional responsibility and authority for handling plan revisions and concurrently eliminate the requirement for formal headquarters staff concurrence on most SIP approval/disapproval actions. An expedited schedule will apply to headquarters review for those revisions that still must receive headquarters concurrence. These procedures were effective August 1, 1975, and may be summarized as follows:

1. Distinction Between "State-Initiated" and EPA-Initiated" SIP Revisions

The previously used distinction between "state initiated" and "EPA initiated" SIP revisions has been eliminated. The Regional Administrators have been delegated authority to sign Federal Register notices proposing EPA-initiated SIP revisions in addition to their existing authority to do so for state-initiated SIP revisions.

2. Distinction Between "Normal" SIP Revisions and "Special Action" SIP Revisions

All SIP revisions will fall into one of two categories with regard to the nature and extent of appropriate headquarters review of Regional Office actions: "normal" and "special action" SIP revisions. Headquarters will not review normal SIP revisions but will be involved in policy review of special action SIP revisions.

It is anticipated that the majority of SIP revisions will be treated as normal. The special action category will be reserved for revisions that have national policy implications. These implications are inherent in revisions that address unresolved policy issues, that might compromise on-going litigation, or that raise new conceptual issues.

CONTROL AGENCY RESOURCES

At the end of FY 75 resources for state and local control agencies totaled approximately 7,150 man-years and $148.0 million. The Federal Government contributed approximately $52.6 million (36 percent of the monetary resources through Federal program grant assistance, Federal assignees, and special contract support and demonstration grants). Federal Government air resources are provided to control agencies to assist them in carrying out State Implementation Plans. In addition, these resources are used for reviewing strategies and techniques that provide information for revision, update, and changes to operational and procedural methods necessary to achieve clean air objectives.

The resources needed to attain and maintain standards have continued to outstrip existing manpower and dollar availability. Included in these needs are resources for relatively untried or innovative control techniques, such as those pertaining to siting of sources and the improvements to monitoring networks required for continual assessment of pollutant concentrations and for special monitoring for noncriteria pollutants. Predictive methods (based on manpower models developed in 1967 and 1975) indicate that the resource needs now are in the range of 10,000 man-years. Estimates provided by the states through the Regional Offices in 1973 predicted that approximately 9,500 man-years and $192 million are necessary to accomplish the basic implementation plans and the workload impacted upon the control agencies through revision and update of these plans. These estimates appear in Table E in the State Profile portion of this report.

Resources required by FY 77 are estimated at 10,200 man-years and $210 million. These estimates indicate increases necessary to assist areas with problems in attaining TSP and SO_2 national ambient air standards, new source reviews, and controls related to automotive pollutants.

At the end of FY 75, the agencies had available approximately 75 percent of the manpower and 77 percent of the funds stated as being needed in 1975. Since 1973 the amount of Federal dollars available each year has remained relatively constant at approximately $51.5 million, with the 1975 allocation receiving a slight increase to $52.6 million. Total funding increased over FY 74 by approximately 14 percent ($18 million), and man-years of effort increased by 9 percent (600 man-years). These increases were approximately the same as the previous year's. In FY 75, however, 80 percent of the states expended 60 percent or more of their stated resource needs. Resources improved principally because state and local funds increased approximately 20 percent over 1974. Federal grants increased by 1.9 percent.

Preliminary data for FY 76 state and local control agency budgets indicate that a small number of states may be increasing their funds but maintaining their staffs at levels equal to or lower than the 1975 levels. This maintenance of staff at non-increasing levels is possibly caused by increases in agency operating costs. However, the effect on nationwide FY 76 resources will not be known until the agencies' FY 76 budget is complete.

PART III STATE PROFILES

INTRODUCTION

This section presents, in a state-by-state format, information on attainment of TSP and SO_2 standards, ambient air quality monitoring networks, source compliance, enforcement activities, number of emission-producing processes in 23 source categories, Air Quality Maintenance Areas, resources, and SIP development. Data are presented primarily in a series of tables, and states are arranged by EPA Region. No attempt is made to provide a comparative analysis of any state's program and progress in relation to the activities of any other state.

Table A presents for each state the estimated attainment status of each AQCR, or interstate portion of AQCR, for TSP and SO_2. These tables are based on information provided by the EPA Regional Offices as of August 31, 1975. In interpreting these tables, several considerations are important First, the attainment status of each AQCR is a judgment rather than an absolute determination and is subject to change as new air quality and other data become available. (The air quality data used for these estimates reflect conditions generally no later than the third quarter of 1974.) Second, the estimate that an AQCR is unlikely to attain NAAQS as required does not indicate that conditions exceeding NAAQS prevail throughout the AQCR. In some cases, an AQCR considered unlikely to attain NAAQS may include two or three states and the excessive pollutant concentrations may exist in only one of the states. Finally, it is important to consider that, although 132 of the 247 AQCRs in the nation are considered unlikely to attain NAAQS for TSP by the statutory attainment date, significant progress in reducing levels of pollution has occurred. Since 1970, for example, the percentage of air monitors reporting values exceeding the primary (health) standard has decreased from 12 to 3 percent for sulfur dioxide, from 50 to 23 percent for TSP annual average, and from 16 to 8 percent for TSP 24-hour average.

Table B compares the number of monitors reporting in each AQCR for each pollutant except NO_2 for the years 1972, 1973, and 1974. (Data on NO_2 monitors are not included because the Federal reference method has not yet been finalized.) Each state proposed in its original SIP, submitted to EPA in May 1972, to have certain numbers of monitors operating in 1974; these numbers are also listed in the table for reference. Two categories are given for each year: number of monitors reporting minimum data, defined as at least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors; and number reporting valid annual averages, which can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Numbers of monitors given in this table reflect numbers in the SAROAD (Storage and Retrieval of Aerometric Data) system as of July 15, 1975. Because of format errors and time lags in reporting, SAROAD may not contain information on all active monitors.

Table C gives the Air Quality Maintenance Areas (AQMAs) that have been designated in each state, if any; the major metropolitan area involved in each; and the pollutants for which maintenance of air quality standards is expected to be a problem in that AQMA.

Table D is a summary of the status, as published in the Federal Register, of three portions of each state's SIP: regulations for review of new stationary sources, transportation control plans, and emission limitations for TSP, SO_2, HC, and NO_2. The status of emission limitations is given for stationary sources and does not include any measures used in transportation control plans. The emission limitations category also does not acknowledge those states with 18-month extensions for secondary standards.

Table E compares resources needed in FY 75 (based on SIP projections) to resources actually available for that period. The comparison is given for both man-years and dollars. The projected resource needs are derived from data provided by Regional Offices in December 1973 that reflect revisions to implementation plans which generally require additional manpower. These estimates have not necessarily been formally submitted as resource revisions to the SIPs. Additional manpower is needed for such plan revisions as transportation controls, indirect source controls, significant deterioration activities, and the additional monitoring and evaluation requirements.

Man-years are in terms of equivalent man-years estimated by Regions from program information and agency inquiries and are based on the projected number of budgeted and on-board positions that would be available in FY 75. Dollar amounts incorporate state and local funds (including state funds to local agencies) as well as Federal funds for state and local agency grants. These amounts do not include Federal support to states from other sources such as contract and research funds and associated non-Federal expenditures.

Table F presents the number of sources (i.e., facilities) in each of 23 selected source categories in every state. These categories are a condensation and consolidation of the source category codes (SCCs) used in the National Emissions Data System (NEDS). The numbers are those contained in NEDS as of August 31, 1975.

Table G gives the compliance status of selected source categories in each state and a summary of enforcement action taken by state and local agencies. EPA enforcement actions that have been taken in each state are listed by company and status of action in Table H.

EPA REGION I

CONNECTICUT
MAINE
MASSACHUSETTS
NEW HAMPSHIRE
RHODE ISLAND
VERMONT

CONNECTICUT

Table A . ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
041. Eastern Connecticut	TSP SO_2		
*042. Hartford-New Haven-Springfield Interstate (Mass.)	SO_2	TSP	
*043. New Jersey-New York-Connecticut Interstate (New Jersey, New York)	SO_2	TSP[b]	
044. Northwestern Connecticut	TSP SO_2		

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

CONNECTICUT

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
041. Eastern Connecticut							
TSP	4	3	3	5	0	5	0
SO_2 Daily	0	0	0	7	2	0	0
Hourly	1	0	0	0	0	5	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*042. Hartford-New Haven-Springfield (Mass.)							
TSP	40	34	30	37	2	33	0
SO_2 Daily	6	3	2	15	0	6	0
Hourly	11	7	2	6	1	15	0
CO	4	0	-	1	-	3	-
O_x	4	1	-	2	-	6	-
*043. New Jersey-New York-Connecticut (N.J., N.Y.)							
TSP	20	18	12	19	0	18	0
SO_2 Daily	4	1	1	9	3	10	0
Hourly	12	10	3	9	2	7	0
CO	2	1	-	2	-	1	-
O_x	3	2	-	4	-	2	-
044. Northwestern Connecticut							
TSP	3	2	2	3	0	2	0
SO_2 Daily	1	0	0	3	0	0	0
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

CONNECTICUT

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Connecticut	X	X	X	X	

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control	Plan is required for Hartford-New Haven-Springfield AQCR and New York-New Jersey-Connecticut AQCR. Public hearings are scheduled for January 1976.
Emission limitations	State plan is approved for all pollutants.

CONNECTICUT

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	247	4700
Actual resources available FY 75	174	3109

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	149
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	30
3. Coal-fired industrial boilers, 10-100 million Btu/hr	0
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	2
5. Residual oil-fired boilers, 10-100 million Btu/hr	85
6. Coal-fired boilers less than 10 million Btu/hr	0
7. Small and miscellaneous boilers	71
8. Chemical manufacture	4
9. Food and agricultural	2
10. Iron and steel industry	1
11. Primary non-ferrous metallurgy	2
12. Secondary metallurgy	10
13. Portland cement manufacture	1
14. Stone quarrying	5
15. Other [illegible]ral products	17
16. Petroleum processing	0
17. Wood products	0
18. Other industry	95
19. Petroleum storage	6
20. Other evaporative HC sources	16
21. Open-burning dumps	0
22. Industrial incineration	4
23. Other incineration	3
Total	503

[a] Data available from National Emissions Data System as of August 30, 1975.

CONNECTICUT

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules: In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	241	86	154	1
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)	2	2		
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries				
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces	2			2
e. Basic oxygen furnaces				
f. Blast furnaces				

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	750
2. Field investigations	2,257
TOTAL	3,007

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	500
2. Administrative orders issued	100
3. Civil/criminal proceedings initiated	15
TOTAL	615

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Connecticut, Bridgeport	Bullard Castings, Inc. Cupola Furnaces	Violation of particulate (opacity process weight, and fugitive dust) emission stds.	Notice of violation issued 10/12/73 Admin. order issued 2/14/74.	In compliance
Connecticut, Dayville	Glass Containers Corp. Glass Mfg.	Violation of particulate (opacity and process weight) emission limitation.	Consent order issued 5/30/75.	
Connecticut, Derby	Hull Dye and Print Works Textile Plant	Violations of opacity, and hydrocarbon emission std. caused by uncontrolled emissions from the drying operation.	Notice of violation issued 12/5/73. Admin. Order issued 2/14/74. Order amended 8/14/74. extending date for final compliance to	
Connecticut, Groton	General Dynamics Electric Boat Div. Surface coating Operation.	Violation of hydrocarbon emission limitation	Notice of violation issued 5/30/75.	Co. to submit schedule on 9/1/75, will be followed by issuance of order.
Connecticut, Middletown	Russell Mfg. Div. Fenner America Ltd. PVC Belting Operation	Violation of opacity std. Admin. order issued	Notice of violation issued 12/14/73. to be established. 7/5/74. Consent order issued 4/23/75.	In compliance with increrements of order.
Connecticut, Middletown	Feldspar Corp. Feldspar Kiln	Violation of particulate (process weight) emission std.	Notice of violation issued 6/6/75.	

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Connecticut, Navagatuck	Uniroyal Chem. Rubber Reclamation Operation	Violation of §114 letters	Order issued 7/7/75.	Will close reclaim facility by 12/31/75.
Connecticut, New Haven	Gulf Oil Co. U.S.	Violation of hydro carbon reg. requiring vapor (recovery system at loading facility)	Consent order issued 4/10/75.	In compliance with increments of order.
Connecticut, Rockville	Amerbelle Corp. Printing Plant	Violation of hydrocarbon emission standard.	Notice of violation issued 8/5/74. Admin. order issued 9/13/74.	In compliance.
Connecticut, Waterbury	Waterbury Rolling Mills, Inc. Metallurgical Operation	Violations of opacity std.	Notice of violation issued 10/31/73. Admin. order issued 2/14/74.	Compliance test request letter (s114) sent 5/16/75. Under new amendment to order.

MAINE

Table A. ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*107. Androscoggin Valley Interstate (N.H.)			TSP[b] SO_2[b]
108. Aroostook			TSP SO_2 No data available
109. Down East			TSP SO_2
110. Metropolitan Portland	TSP		SO_2 Point sources
111. Northwest Maine			TSP SO_2 No data available

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

MAINE

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*107. Androscoggin Valley (N.H.)							
TSP	7	0	0	5	0	5	0
SO_2 Daily	8	0	0	5	0	1	0
Hourly	1	1	0	2	0	5	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
108. Aroostook							
TSP	2	0	0	0	0	0	0
SO_2 Daily	2	0	0	0	0	0	0
Hourly	0	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
109. Down East							
TSP	6	1	1	8	0	8	0
SO_2 Daily	6	1	1	8	0	2	0
Hourly	1	0	0	2	0	8	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
110. Metropolitan Portland							
TSP	6	7	0	8	4	7	0
SO_2 Daily	5	6	1	6	4	2	0
Hourly	1	3	1	2	1	6	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

MAINE (continued)

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
111. Northwest Maine							
TSP	1	0	0	0	0	0	0
SO_2							
Daily	1	0	0	0	0	0	0
Hourly	0	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

MAINE

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

None

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	None required.
Emission limitations	State plan is approved for all pollutants.

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	30	522
Actual resources available FY 75	23	400

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	24
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	42
3. Coal-fired industrial boilers, 10-100 million Btu/hr	1
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	57
5. Residual oil-fired boilers, 10-100 million Btu/hr	201
6. Coal-fired boilers less than 10 million Btu/hr	0
7. Small and miscellaneous boilers	107
8. Chemical manufacture	27
9. Food and agricultural	43
10. Iron and steel industry	0
11. Primary non-ferrous metallurgy	0
12. Secondary metallurgy	12
13. Portland cement manufacture	3
14. Stone quarrying	36
15. Other mineral products	42
16. Petroleum processing	0
17. Wood products	58
18. Other industry	80
19. Petroleum storage	482
20. Other evaporative HC sources	99
21. Open-burning dumps	100
22. Industrial incineration	204
23. Other incineration	81
Total	1,699

[a] Data available from National Emissions Data System as of August 30, 1975.

MAINE

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules: In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	222	84	118	20
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)				
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries				
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces				
e. Basic oxygen furnaces				
f. Blast furnaces				

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	60
2. Field investigations	224
TOTAL	284

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	9
2. Administrative orders issued	30
3. Civil/criminal proceedings initiated	3
TOTAL	42

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Maine, Jay	International Paper Co.	Violation of	Notice of violation issued 6/17/75.	to do stack tests.

MASSACHUSETTS

Table A . ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*042. Hartford-New Haven-Springfield Interstate (Connecticut)	SO_2	TSP	
117. Berkshire	TSP SO_2		
118. Central Massachusetts	SO_2	TSP Non-point sources	
119. Metropolitan Boston	SO_2	TSP Non-point sources	
*120. Metropolitan Providence Interstate (R.I.)	TSP[b] SO_2[b]		
*121. Merrimac Valley-South New Hampshire Interstate (N.H.)	TSP[b] SO_2		

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

MASSACHUSETTS

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*042. Hartford-New Haven-Springfield (Conn.)							
TSP	9	8	6	10	7	8	0
SO_2 Daily	9	7	6	8	6	1	0
Hourly	2	0	0	1	0	7	0
CO	1	0	-	2	-	2	-
O_x	1	0	-	1	-	1	-
117. Berkshire							
TSP	9	6	6	6	5	6	0
SO_2 Daily	9	6	6	6	5	1	0
Hourly	2	0	0	1	0	6	0
CO	1	0	-	1	-	1	-
O_x	1	0	-	1	-	1	-
118. Central Massachusetts							
TSP	10	3	3	10	4	8	0
SO_2 Daily	13	5	4	9	2	2	0
Hourly	2	0	0	1	0	8	0
CO	1	0	-	1	-	1	-
O_x	1	0	-	0	-	2	-
119. Metropolitan Boston							
TSP	23	22	17	22	7	21	0
SO_2 Daily	23	22	16	22	16	6	0
Hourly	12	3	0	7	2	21	0
CO	6	2	-	7	-	5	-
O_x	6	0	-	5	-	5	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

MASSACHUSETTS (continued)

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*120. Metropolitan Providence (R.I.)							
TSP	6	6	2	5	4	5	0
SO_2							
Daily	6	6	5	6	5	1	0
Hourly	2	0	0	0	0	5	0
CO	1	0	-	0	-	0	-
O_x	1	0	-	0	-	1	-
*121. Merrimack Valley-Southern New Hampshire (N.H.)							
TSP	6	7	4	8	4	6	0
SO_2							
Daily	6	7	3	8	4	0	0
Hourly	2	0	0	0	0	6	0
CO	1	0	-	0	-	0	-
O_x	2	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

MASSACHUSETTS

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Boston	X	X		X	
Lawrence-Haverhill	X				
Springfield	X			X	
Worcester	X				

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	1. A revised transportation control plan for Boston was promulgated on June 12, 1975. Plan consists of I/M program, on- and off-street parking restrictions, commuter vehicle reduction strategies such as carpooling, preferential bus/carpool treatment, local CO controls, and stationary source and gas marketing regulations. 2. Plan is required for Hartford-New Haven-Springfield AQCR. Public hearings are scheduled for December 1975.
Emission limitations	State plan is approved for all pollutants.

MASSACHUSETTS

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	175	2560
Actual resources available FY 75	157	2390

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	115
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	74
3. Coal-fired industrial boilers, 10-100 million Btu/hr	5
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	10
5. Residual oil-fired boilers, 10-100 million Btu/hr	498
6. Coal-fired boilers less than 10 million Btu/hr	2
7. Small and miscellaneous boilers	202
8. Chemical manufacture	73
9. Food and agricultural	5
10. Iron and steel industry	0
11. Primary non-ferrous metallurgy	1
12. Secondary metallurgy	44
13. Portland cement manufacture	2
14. Stone quarrying	6
15. Other mineral products	32
16. Petroleum processing	0
17. Wood products	5
18. Other industry	103
19. Petroleum storage	117
20. Other evaporative HC sources	1,023
21. Open-burning dumps	156
22. Industrial incineration	10
23. Other incineration	54
Total	2,537

[a] Data available from National Emissions Data System as of August 30, 1975.

MASSACHUSETTS

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	594	520	51	23
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)	1	1		
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries				
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces				
e. Basic oxygen furnaces				
f. Blast furnaces				

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	2,750
2. Field investigations	1,310
TOTAL	4,060

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	2,215
2. Administrative orders issued	94
3. Civil/criminal proceedings initiated	23
TOTAL	2,332

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Massachusetts, Quincy	General Dynamics	Violation of particulate (fugitive dust) & hydrocarbon regs.	Notice of violation issued 10/4/74, 12/30/74. Admin. order issued 4/29/75.	
Massachusetts, Salem	Salem, City of Incinerator	Violation of opacity and particulate emission limitations.	Notice of violation issued 11/20/74. Admin. order issued 1/16/75.	In compliance with amended order.
Massachusetts, Somerset	New England Power Co. Brayton Point	Violation of sulfur oxide and particulate emission stds.	Notice of violation issued 9/6/73.	Electrastatic precipitators are being upgraded. Candidate for long term ESECA conversion Pending FEA action.
Massachusetts, Somerville	Sommerville Smelting Mettalurgical Process	Violation of opacity req.	Notice of violation issued 1/8/74. Admin. order issued 4/30/74, ammended 8/29/74.	In compliance.
Massachusetts, Walpole	Farrington Textile Products Norton Co. Textile Mfg.	Violation of hydrocarbon regs.	Notice of violation issued 12/12/74. Admin. order issued 1/31/75.	In compliance with terms of order.
Massachusetts, Watertown	Odell Co.	Violation of hydrocarbon regs.	Notice of violation issued 10/11/74. Consent order issued 12/23/74.	In compliance.

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Massachusetts, Lowell	Lowell, City of Incinerator	Violation of particulate emission limitations.	Notice of violation issued 11/20/74.	Will shutdown by 9/11/75.
Massachusetts, Lynn	General Elec. Co. Electronics Mfg.	Violation of hydrocarbon regs.	Notice of violation issued 10/4/74. Order issued 12/18/74.	In compliance with terms of order.
Massachusetts, Lynn	North American Phillips Lighting Corporation	Violation of hydrocarbon regs.	Notice of violation issued 6/26/75.	
Massachusetts, Marblehead	Marblehead Town of Incinerator	Violation of particulate emission limitations.	Notice of violation issued 11/20/74. Admin. order issued 1/14/75.	In compliance.
Massachusetts, Needham Franklin Framingham	Penn Central Trans. Company Passenger & Freight Terminals	Transfer of cement products violating particulate (opacity) emission stds; trucks idling contrary to requirements of MA SIP	Notice of violation issued 7/2/73. Admin. Order issued 4/12/74 for commuter passenger service.	Commuter passenger service order to cease excessive idling violations. Presently in compliance.
Massachusetts, Norwood	American Biltrite	Violation of hydrocarbon regs.	Notice of violation issued 11/4/74. Consent order issued 12/31/74.	In compliance with consent order.
Massachusetts, North Eastern	Steadfast Rubber Rubber Mfg.	Violation of hydrocarbon emission standard.	Consent order issued 11/11/74.	In compliance with terms of order.

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Massachusetts, Boston	Northeast Utilities Service Power Plant	Violation of sulfur oxide emission limitation.	Notice of violation issued 3/16/73.	Achieved final compliance.
Massachusetts, Boston	Union Petroleum Corp. Fuel distrib.	Violation of sulfur oxide std. (regs. prohibiting sale of high sulfur content fuel)	Notice of violation issued 3/16/73.	Achieved final compliance
Massachusetts, Canton	Plymouth Rubber Co. Rubber Mfg.	Violation of particulate (opacity) emission regs.	Notice of violation issued 9/27/74. Admin. order issued 6/3/75.	
Massachusetts, Chelsea	American Barrel Co. Incinerator	Violation of opacity and open burning regs.	Notice of violation issued 3/15/73. Admin. Order issued 9/18/73.	Facility no longer in operation.
Massachusetts, Everett	Boston Edison Co. Mystic Station Power Plant	Violation of particulate (opacity) emission regs.	Notice of violation issued 11/9/73.	In compliance.
Massachusetts, Indian Orchard	Monsanto Polymers & Petro. Chem. Co.	Violation of particulate emission regs.	Notice of violation issued 4/24/75. Admin. order issued 6/6/75.	In compliance with terms of order.
Massachusetts, Danvers	GTE Sylvania	Violation of hydrocarbon regs.	Notice of violation issued 6/26/75.	
Massachusetts, Lawrence	Lawrence, City of Open Burning	Violation of open burning regs.	Notice of violation issued 6/6/73.	In compliance.

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Massachusetts, Weymouth	Weymouth, Town of Incinerator	Violation of particulate emission limitations.	Notice of violation issued 11/20/74. Admin. order issued 7/3/75.	In violation of order. Attempting to get a Court ordered consent decree.
Massachusetts, Arlington	Wilfret Bros. Realty Trust Incinerator	Violation of particulate emission stds.	Notice of violation issued 7/2/73. Admin. order issued 12/3/73.	In compliance.
Massachusetts, Boston	Texaco, Inc. Fuel distrib.	Violation of sulfur oxide emission limitations (regs prohibiting sale of high sulfur fuel)	Notice of violation issued 2/1/73.	Achieved final compliance 2/12/73.
Massachusetts, Boston	Boston, City of Incinerator	Violation of opacity and particulate emission limitatations.	Notice of violation issued 11/20/74. Admin. order issued 3/5/75.	Court ordered shutdown as of 8/27/75. In compliance.
Massachusetts, Boston	Boston Edison Co. L Street Station Power Plant	Violation of particulate (opacity) emission regs.	Notice of violation issued 11/9/73.	In compliance.
Massachusetts, Boston	Boston Edison Co. New Boston Station Power Plant	Violation of particulate (opacity stds.)	Notice of violation issued 11/9/73.	In compliance.
Massachusetts, Boston	H.N. Hartwell & son Fuel Distrib.	Violation of sulfur oxide std. (regs prohibiting sale of high sulfur fuel)	Notice of violation issued 3/16/73.	Achieved final compliance.

NEW HAMPSHIRE
Table A . ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*107. Androscoggin Valley Interstate (Maine)	SO_2[b]	TSP[b]	
*121. Merrimack Valley-Southern New Hampshire Interstate (Massachusetts)	SO_2		TSP[b]
149. New Hampshire	TSP SO_2		

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

NEW HAMPSHIRE

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]

CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*107. Androscoggin Valley (Maine)							
TSP	6	8	4	8	6	6	0
SO_2 Daily	3	1	0	3	0	1	0
Hourly	1	0	0	1	0	2	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	1	-	0	-
*121. Merrimac Valley - Southern New Hampshire (Mass.)							
TSP	22	16	11	22	12	19	0
SO_2 Daily	9	3	1	5	2	2	0
Hourly	2	0	0	2	1	5	0
CO	2	0	-	2	-	2	-
O_x	1	0	-	1	-	1	-
149. New Hampshire							
TSP	4	2	1	3	0	1	0
SO_2 Daily	1	0	0	0	0	0	0
Hourly	1	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

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* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

NEW HAMPSHIRE

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

None

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	None required.
Emission limitations	State plan is approved for all pollutants.

NEW HAMPSHIRE

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	26	365
Actual resources available FY 75	22	310

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	33
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	11
3. Coal-fired industrial boilers, 10-100 million Btu/hr	0
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	14
5. Residual oil-fired boilers, 10-100 million Btu/hr	143
6. Coal-fired boilers less than 10 million Btu/hr	4
7. Small and miscellaneous boilers	134
8. Chemical manufacture	9
9. Food and agricultural	11
10. Iron and steel industry	0
11. Primary non-ferrous metallurgy	0
12. Secondary metallurgy	4
13. Portland cement manufacture	1
14. Stone quarrying	33
15. Other mineral products	40
16. Petroleum processing	0
17. Wood products	15
18. Other industry	73
19. Petroleum storage	31
20. Other evaporative HC sources	42
21. Open-burning dumps	103
22. Industrial incineration	1
23. Other incineration	2
Total	704

[a] Data available from National Emissions Data System as of August 30, 1975.

NEW HAMPSHIRE

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	130	123	4	3
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)	1	1		
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries				
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces				
e. Basic oxygen furnaces				
f. Blast furnaces				

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	0
2. Field investigations	112
TOTAL	112

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	32
2. Administrative orders issued	24
3. Civil/criminal proceedings initiated	1
TOTAL	57

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

NO ACTIONS TAKEN

RHODE ISLAND

Table A . ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*120. Metropolitan Providence Interstate (Mass.)		TSP[b]	SO_2[b] Area and point sources

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

RHODE ISLAND

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]

CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*120. Metropolitan Providence (Mass.)							
TSP	25	23	21	27	13	18	0
SO_2 Daily	21	18	15	22	11	3	0
Hourly	4	2	2	4	2	16	0
CO	4	2	-	4	-	3	-
O_x	4	0	-	2	-	1	-
-							

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* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

RHODE ISLAND

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Metropolitan Providence	X	X		X	

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	Plan is required for Rhode Island. Public hearings are scheduled for November 1975.
Emission limitations	State plan is approved for all pollutants.

RHODE ISLAND

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	25	305
Actual resources available FY 75	19	313

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	32
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	19
3. Coal-fired industrial boilers, 10-100 million Btu/hr	0
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	0
5. Residual oil-fired boilers, 10-100 million Btu/hr	63
6. Coal-fired boilers less than 10 million Btu/hr	0
7. Small and miscellaneous boilers	26
8. Chemical manufacture	19
9. Food and agricultural	0
10. Iron and steel industry	2
11. Primary non-ferrous metallurgy	0
12. Secondary metallurgy	9
13. Portland cement manufacture	0
14. Stone quarrying	1
15. Other mineral products	14
16. Petroleum processing	3
17. Wood products	0
18. Other industry	22
19. Petroleum storage	165
20. Other evaporative HC sources	558
21. Open-burning dumps	24
22. Industrial incineration	0
23. Other incineration	5
Total	962

[a] Data available from National Emissions Data System as of August 30, 1975.

RHODE ISLAND

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	94	83	8	3
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)				
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries				
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces				
e. Basic oxygen furnaces				
f. Blast furnaces				

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	680
2. Field investigations	80
TOTAL	760

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	1
2. Administrative orders issued	4
3. Civil/criminal proceedings initiated	0
TOTAL	5

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Rhode Island, Ashton	Owens-Corning Fiberglass Corp.	Violation of particulate emission limitation.	Notice of violation issued 2/4/74. Admin. order issued 3/29/74.	In compliance.
Rhode Island, Bristol	Bristol, City of Open dump	Violation of open burning	Notice of violation issued 4/23/73.	In final compliance.
Rhode Island, Cranston	ITT Grinnell Corp.	Violation of particulate (opacity) emission limitation.	Notice of violation issued 2/7/74. Admin. order issued 8/16/74.	In compliance.
Rhode Island, Georgiaville	Narragansett Grey Iron Foundry, Inc.	Violation of particulate emission limitations.	Notice of violation issued 12/10/73. Admin. order issued 2/ /74.	Company in violation of order awaiting equipment delivery.
Rhode Island, Johnston	Seaboard Foundry Inc. Grey Iron Foundry	Violation of particulate (opacity and process weight) stds.	Notice of violation issued 8/1/73.	Achieved final compliance
Rhode Island, Lincoln	Taggart Sand Prods. Corp.	Violation of particulate emission limitations.	Notice of violation issued 2/14/74. Admin. order issued 4/ /74.	Co. in violation of order In process of case development for possible referral to U.S. Attorney.
Rhode Island, Middletown	Middletown, City of Open dump	Violation of open burning reg.	Notice of violation issued 10/13/72.	Achieved final compliance
Rhode Island, Newport	Newport, City of Open dump	Violation of open burning reg.	Notice of violation issued 10/23/72. Enforcement order issued 1/11/73.	Achieved final compliance

VERMONT

Table A . ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*159. Champlain Valley Interstate (N.Y.)		TSP[b]	SO_2[b]
221. Vermont	TSP SO_2		

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

VERMONT

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*159. Champlain Valley (N.Y.)							
TSP	5	5	4	4	4	3	0
SO_2 Daily	0	0	0	0	0	2	0
Hourly	4	2	0	2	0	0	0
CO	1	1	-	1	-	0	-
O_x	1	0	-	0	-	0	-
221. Vermont-							
TSP	5	3	3	3	2	3	0
SO_2 Daily	3	0	0	0	0	1	0
Hourly	2	1	0	1	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

*.= Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

VERMONT

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

None

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	None required.
Emission Limitations	State plan is approved for all pollutants.

VERMONT

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	21	425
Actual resources available FY 75	12	277

[a]See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	6
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	0
3. Coal-fired industrial boilers, 10-100 million Btu/hr	2
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	29
5. Residual oil-fired boilers, 10-100 million Btu/hr	101
6. Coal-fired boilers less than 10 million Btu/hr	2
7. Small and miscellaneous boilers	99
8. Chemical manufacture	6
9. Food and agricultural	19
10. Iron and steel industry	0
11. Primary non-ferrous metallurgy	0
12. Secondary metallurgy	8
13. Portland cement manufacture	0
14. Stone quarrying	25
15. Other mineral products	34
16. Petroleum processing	0
17. Wood products	24
18. Other industry	49
19. Petroleum storage	61
20. Other evaporative HC sources	54
21. Open-burning dumps	0
22. Industrial incineration	6
23. Other incineration	11
Total	536

[a]Data available from National Emissions Data System as of August 30, 1975.

VERMONT

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules: In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	49	15	33	1
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)	1		1	
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries				
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces				
e. Basic oxygen furnaces				
f. Blast furnaces				

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	0
2. Field investigations	80
TOTAL	80

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	20
2. Administrative orders issued	20
3. Civil/criminal proceedings initiated	4
TOTAL	44

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Vermont, Burlington	Burlington, City of Elec. Light Dept. Power Plant	Violation of parti- regs. (opacity and process weight)	Notice of violation issued 8/24/73. Admin. order issued 7/3/75.	In compliance with terms of order.

EPA REGION II

NEW JERSEY
NEW YORK
PUERTO RICO
VIRGIN ISLANDS

75

NEW JERSEY

Table A . ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*043. New Jersey-New York-Connecticut Interstate (Conn., N.Y.)	SO_2		TSP[b] Point and non-point sources and fugitive dust
*045. Metropolitan Philadelphia Interstate (Del., Pa.)	TSP[b] SO_2[b]		
150. New Jersey	TSP SO_2		
*151. Northeast Pennsylvania-Upper Delaware Valley Interstate (Pa.)	TSP[b] SO_2		

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

NEW JERSEY

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*043. New Jersey-New York-Connecticut (Conn., N.Y.)							
TSP	40	6	4	51	30	44	0
SO_2 Daily	0	3	0	4	3	12	0
Hourly	12	1	0	12	9	4	0
CO	12	1	-	12	-	12	-
O_x	5	0	-	4	-	5	-
*045. Metropolitan Philadelphia (Del., Pa.)							
TSP	7	6	3	16	8	17	0
SO_2 Daily	0	4	2	4	3	7	0
Hourly	7	0	0	7	7	4	0
CO	7	0	-	7	-	7	-
O_x	2	0	-	3	-	3	-
150. New Jersey							
TSP	2	1	1	7	6	8	0
SO_2 Daily	5	0	0	0	0	2	0
Hourly	2	0	0	2	1	0	0
CO	2	0	-	2	-	2	-
O_x	0	0	-	0	-	0	-
*151. Northeast Pa.-Upper Delaware Valley (Pa.)							
TSP	1	0	0	4	4	4	0
SO_2 Daily	0	0	0	0	0	1	0
Hourly	1	0	0	1	1	0	0
CO	1	0	-	1	-	1	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

NEW JERSEY

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Allentown-Bethlehem-Easton Interstate (New Jersey portion)	X				
Atlantic	X				
Metropolitan Philadelphia Interstate (New Jersey portion)	X	X		X	
New Jersey-New York Interstate (New Jersey portion)	X	X (in part of AQMA)		X	
Ocean	X				

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the *Federal Register*.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	1. New Jersey operates statewide I/M program. 2. More than 93 employer incentive plans have been approved by EPA. 3. Trenton has initiated partial vehicle-free zone program. 4. State established contra-flow lane on I-495.
Emission Limitations	1. EPA promulgation (July 3, 1973) is in effect for HC in New Jersey-New York-Connecticut AQCR (#043) and Metropolitan Philadelphia Interstate AQCR 2. State plan is approved for other pollutants.

NEW JERSEY

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	243	4741
Actual resources available FY 75	194	3968

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	90
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	73
3. Coal-fired industrial boilers, 10-100 million Btu/hr	9
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	7
5. Residual oil-fired boilers, 10-100 million Btu/hr	233
6. Coal-fired boilers less than 10 million Btu/hr	8
7. Small and miscellaneous boilers	382
8. Chemical manufacture	259
9. Food and agricultural	22
10. Iron and steel industry	12
11. Primary non-ferrous metallurgy	20
12. Secondary metallurgy	65
13. Portland cement manufacture	0
14. Stone quarrying	1
15. Other mineral products	186
16. Petroleum processing	173
17. Wood products	10
18. Other industry	162
19. Petroleum storage	27
20. Other evaporative HC sources	21
21. Open-burning dumps	3
22. Industrial incineration	16
23. Other incineration	11
Total	1,790

[a] Data available from National Emissions Data System as of August 30, 1975.

NEW JERSEY

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	687	618	33	36
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)	3	2	1	
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries				
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces	5			5
e. Basic oxygen furnaces				
f. Blast furnaces				

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	10,961
2. Field investigations	29,284
TOTAL	40,245

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	1,540
2. Administrative orders issued	1,661
3. Civil/criminal proceedings initiated	297
TOTAL	3,498

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
New Jersey, Bogota	Winston Mills, Inc.	Violation of opacity reg.	Notice of violation issued 9/26/74. Admin. order issued 11/20/74.	
New Jersey, Cape May	Atlantic City Electric Co. B.L. England Station Power Plant	Violation of NSPS regs.	Notice of violation issued 12/24/74. Admin. order issued 12/24/74.	
New Jersey, Irvington	Barnett Foundry & Machine Co.	Violation of particulate regs.	Notice of violation issued 8/8/75.	
New Jersey, Linden	Public Service Electric & Gas Co., Linden Station	Violation of opacity reg.	Notice of violation issued 1/6/75.	
New Jersey, Perth Amboy	Celotex Corp. Asphalt Plant	Violation of hazardous air pollution regs.	Notice of violation issued 5/29/75. Admin. order issued 5/29/75.	
New Jersey, Ridgefield Park	Arnatex Dyeing & Finishing Co., Inc. Textile Mfr.	Violation of opacity reg.	Notice of violation issued 9/26/74. Admin. order issued 11/20/74. Order amended 2/5/75.	Amended order final compliance date delayed.
New Jersey, Rockaway	Halecrest Co., Mt. Hope Materials Corp. Asphalt Concrete Plant	Violation of NSPS regs.	Notice of violation issued 1/6/75. Admin. order issued 1/6/75.	

NEW YORK

Table A. ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*043. New Jersey-New York-Connecticut Interstate (Conn., N.J.)	SO_2		TSP[b] - 2-year extension from attainment date; Point sources
158. Central New York	SO_2		TSP Point sources and fugitive dust
*159. Champlain Valley Interstate (Vt.)	TSP[b] SO_2[b]		
160. Genesee-Finger Lakes	TSP SO_2		
161. Hudson Valley			TSP and SO_2 Point sources
162. Niagara Frontier			TSP - 2-year extension from attainment date; Point sources SO_2 Point and nonpoint sources
163. Southern Tier East	TSP SO_2		
164. Southern Tier West	TSP SO_2		

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

NEW YORK
Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]
CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*043. New Jersey-New York-Connecticut (Conn., N.J.)							
TSP	78	45	37	82	39	46	36
SO_2 Daily	0	8	7	25	8	5	24
Hourly	53	5	1	4	1	28	1
CO	17	7	-	7	-	8	-
O_x	13	6	-	3	-	4	-
158. Central New York							
TSP	47	39	29	47	38	45	38
SO_2 Daily	0	3	2	7	3	6	4
Hourly	4	4	0	5	0	7	0
CO	3	3	-	3	-	3	-
O_x	2	6	-	4	-	3	-
*159. Champlain Valley (Vt.)							
TSP	21	10	5	14	9	15	11
SO_2 Daily	0	0	0	2	0	1	0
Hourly	2	0	0	1	0	2	0
CO	0	0	-	0	-	0	-
O_x	1	0	-	1	-	1	-
160. Genessee-Finger Lakes							
TSP	34	27	17	27	23	27	25
SO_2 Daily	3	9	9	14	9	1	13
Hourly	2	1	0	1	0	17	0
CO	2	1	-	2	-	1	-
O_x	1	2	-	1	-	1	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]

CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
161. Hudson Valley							
TSP	57	38	28	40	36	47	34
SO_2 Daily	2	4	3	9	2	3	7
Hourly	7	3	0	4	0	14	0
CO	2	3	-	3	-	3	-
O_x	2	4	-	3	-	3	-
162. Niagara Frontier							
TSP	54	48	43	46	44	50	47
SO_2 Daily	6	11	7	23	6	7	25
Hourly	6	4	0	7	0	30	0
CO	3	2	-	3	-	3	-
O_x	3	4	-	3	-	3	-
163. Southern Tier East							
TSP	17	12	6	14	11	13	8
SO_2 Daily	0	0	0	1	0	1	1
Hourly	1	0	0	1	0	3	0
CO	0	0	-	0	-	1	-
O_x	1	0	-	0	-	0	-
164. Southern Tier West							
TSP	28	19	12	19	17	20	17
SO_2 Daily	0	1	0	2	2	1	5
Hourly	4	0	0	0	0	6	0
CO	2	0	-	0	-	1	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

NEW YORK

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Binghamton	X				
New Jersey-New York Interstate (New York portion)	X	X	X	X	X
Niagara Frontier	X	X			
Utica-Rome	X				
Elmira-Corning	X				
Rochester	X				
Jamestown	X				
Syracuse	X				
Capital District	X	X			
Mid-Hudson	X				

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	1. The State and City of New York agreed to implement TCP measures including I/M, stricter traffic and parking controls, and expanded bus service. 2. City operates I/M program for taxis. 3. Regional Office issued notices of violation to city and state to install tolls on free bridges. Tolls will be used to improve mass transit. 4. Program of heavy duty vehicle retrofit is being tested and appears to promise emission reductions and fuel savings.
Emission limitations	1. Final rulemaking was published June 2, 1975, making sulfur-in-fuel limitations for residual oil in the New York City Metropolitan Area consistent with New York City regulation. 2. State plan is approved for other pollutants.

NEW YORK

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	1028	23,700
Actual resources available FY 75	704	15,943

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	193
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	34
3. Coal-fired industrial boilers, 10-100 million Btu/hr	0
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	1
5. Residual oil-fired boilers, 10-100 million Btu/hr	100
6. Coal-fired boilers less than 10 million Btu/hr	6
7. Small and miscellaneous boilers	325
8. Chemical manufacture	52
9. Food and agricultural	48
10. Iron and steel industry	0
11. Primary non-ferrous metallurgy	0
12. Secondary metallurgy	11
13. Portland cement manufacture	34
14. Stone quarrying	65
15. Other mineral products	35
16. Petroleum processing	0
17. Wood products	5
18. Other industry	54
19. Petroleum storage	0
20. Other evaporative HC sources	26
21. Open-burning dumps	3
22. Industrial incineration	0
23. Other incineration	31
Total	1,023

[a] Data available from National Emissions Data System as of August 30, 1975.

NEW YORK

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	822	573	174	75
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)	10	10		
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries	14		14	
b. Sinter lines	6		2	4
c. Open hearth furnaces	20	9		11
d. Electric arc furnaces	14			14
e. Basic oxygen furnaces	5	3		2
f. Blast furnaces	12			12

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	100
2. Field investigations	17,847
TOTAL	17,947

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	187
2. Administrative orders issued	34
3. Civil/criminal proceedings initiated	16
TOTAL	237

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
New York, Staten Ils.	Consolidated Edison Co. of New York, Inc. (Arthur Kill Facility) Power Plant	Violation of opacity reg.	Notice of violation issued 3/28/75.	
New York, Tonawanda	Ashland Petro. Co. Refinery	Failure to respond to a section 114 inquiry.	Admin. order issued 10/24/74.	Source complied with EPA order.
New York, Tonawanda	Ashland Petro. Co. Refinery	Failure to respond to a section 114 inquiry.	Admin. order issued 10/24/74.	Source complied with EPA order.
New York, Utica	Dunlop Tire & Rubber Co.	Violation of opacity reg. and failure to obtain operating certificate	Notice of violation issued 12/13/74.	
New York, Valley Stream	Valley Stream, City of Incinerator	Violation of particulate regs.	Notice of violation issued 5/2/75. Order issued 7/28/75.	
New York, Waterford	General Electric Co., Silicone Prods. Dept. Electronics Mfg.	Failure to file NYS recertification	Notice of violation issued 9/19/74.	Source in compliance

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
New York, N. Y. City	Consolidated Edison Co. of New York, Inc. (West 59th St. Facility) Power Plant	Violation of opacity reg.	Notice of violation issued 3/28/75.	
New York, N. Y. City	Consolidated Edison Co. of New York, Inc. (East River Facility) Power Plant	Violation of opacity reg.	Notice of violation issued 3/28/75.	
New York, Niagara Falls	Airco Alloys Foundry	Failure to respond to a section 114 inquiry.	Admin. order issued 10/24/74.	Source complies with EPA with EPA order.
New York, Niagara Falls	Airco Alloys Foundry	Failure to respond to a section 114 inquiry.	Admin. order issued 10/24/74.	Source complies with EPA with EPA order.
New York, Rochester	Castle Co., Div. of Sybron Corp.	Failure to respond to §114 letter.	Admin. order issued 6/4/74.	
New York, Rosyln	North Hempstead Municipal Incinerator Incinerator	Violation of opacity regs.	Notice of violation issued 6/7/74; Admin. order issued 9/25/74; amended 10/11/74. Supplemental order issued 3/31/75.	

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
New York, Lawrence	Lawrence City of Incinerator Power Plant	Violation of particulate reqs.	Notice of violation issued 5/2/75. Order issued 7/28/75.	
New York, Long Beach	Long Beach Incinerator Incinerator	Violation of particulate reqs.	Notice of violation issued 5/2/75. Order issued 7/28/75.	
New York, Long Ils. City	Consolidated Edison Co. of New York, Inc. (Ravenswood Facility) Power Plant	Violation of opacity req.	Notice of violation issued 3/28/75.	
New York, Mount Marion	Hudson Valley Light Weight Aggregate Corp.	Failure to respond to §114 letter.	Admin. order issued 6/7/74.	
New York, N. Y. City	Consolidated Edison Co. of New York, Inc. (Waterside Facility) Power Plant	Violation of opacity req.	Notice of violation issued 3/28/75.	

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
New York, Fort Edward	Decora, Div. of United Merchants & Manufacturers, Inc.	Failure to file NYS recertification forms.	Notice of violation issued 9/19/74.	Source in compliance.
New York, Freeport	Freeport Incinerator	Violation of particulate reqs.	Notice of violation issued 5/2/75. Order issued 7/28/75.	
New York, Garden City	Garden City Incinerator Incinerator	Violation of particulate reqs.	Notice of violation issued 5/2/75. Order issued 7/28/75.	
New York, Golden Bridge Westchester County	Yorkers Contracting Co. Inc. (Golden Bridge Facility)	Violation of NSPS reporting requirement.	Notice of violation and order issued 6/16/75.	
New York, Green Island	Ford Motor Co. Industrial Boiler	Violation of opacity req.	Notice of violation issued 1/11/74.	Source installed new boiler and upgraded operating procedures; presently in compliance.
New York, Green Island	Bendix Corp. Friction Material Div.	Violation of hazardous air pollution reqs.	Notice of violation and order issued 7/28/75.	
New York, Hicksville	Hooker Chem. Corp. Ruco Div. Chem. Mfr.	Failure to file NYS recertification forms.	Notice of violation sent 9/12/74.	Source in compliance.

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
New York, Brooklyn	United Metal Goods Mfg. Co., Inc. Power Plant	Violation of hydrocarbon reqs.	Notice of violation issued 1/3/75.	
New York, Brooklyn	American Can Co.	Violation of hydrocarbon reqs.	Notice of violation issued 12/27/74. Admin. order issued 3/20/75.	
New York, Brooklyn	Lincoln Metal Products Corp.	Violation of Hydrocarbon reqs.	Notice of violations issued 1/17/75 Admin order issued 3/31/75.	
New York, Buffalo	The Hanna Furnace Corp., Steel Mfg.	Failure to respond to section 114 inquiry.	Order issued 10/15/74.	Source in compliance.
New York, Buffalo	Bethlehem Steel Corp. Lachawanna Plant Steel Plant	Failure to respond to §114 inquiry	Admin. order issued issued 5/26/75.	
New York, Buffalo	Buffalo, City of Incinerator	Violation of opacity reg.	Notice of violation issued 8/29/74.	
New York,	Buffalo, City of Buffalo Incinerator	Violation of opacity regs.	Notice of violation issued 8/29/74.	
New York, Flushing	Frank Mascali and Sons Inc. Asphalt Concrete Mfr.	Violation of opacity req.	Notice of violation issued 11/4/74. Admin. order issued 2/5/75.	

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
New York Schenectady	Crushing Stone Company, Inc. Rock Crushing	Failure to file NYS recertification forms.	Notice of violation issued 9/11/74.	Source in compliance.
New York, Albany	Niagara Mohawk Power Corp.	Violation of particulate and opacity regs.	Notice of violation issued 7/21/75.	
New York, Astoria	Consolidated Edison Co. of New York, Inc. (Astoria Facility) Power Plant	Violation of opacity req.	Notice of violation issued 3/28/75.	
New York, Babylon	Babylon, City of Incinerator #2	Violation of opacity req.	Notice of violation issued 8/28/74. Admin. Order issued 3/13/75.	
New York, Babylon	Babylon, City of Incinerator	Violation of opacity req.	Notice of violation issued 8/28/74. Admin.	
New York, Brooklyn	Detecto Scales, Inc.	Violation of hydrocarbon regs.	Notice of violation issued 1/16/75. Order issued 7/30/75.	
New York, Brooklyn	Diagravure Film Mfr. Corp.	Violation of hydrocarbon regs.	Notice of violation issued 1/3/75.	
New York, Brooklyn	Consolidated Edison Co. of New York, Inc. (Hudson Hug. Facility) Power Plant	Violation of opacity req.	Notice of violation issued 3/28/75.	

PUERTO RICO

Table A . ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
244. Puerto Rico	TSP SO_2		

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

PUERTO RICO
Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]
CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
244. Puerto Rico							
TSP	22	5	5	5	0	12	0
SO_2 Daily	3	4	4	4	4	0	0
Hourly	19	0	0	0	0	11	0
CO	1	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

*.= Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

PUERTO RICO

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Ponce	X	X			
San Juan	X	X			
Caguas	X				
Mayaguez	X				
Guanica		X			
Dorado		X			
Guayanilla-Penuelas	X	X			
Lares-Utuado-Adjuntas	X	X			
Aguadilla	X	X			
Arecibo-Barceloneta	X	X			
Guayama	X	X			
Yabucoa	X	X			

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	None required.
Emission limitations	1. SO_2 control strategy assigning each major point source a sulfur-in-fuel limitation was approved September 11, 1975, except for the Central Guanica plant in Ensenada and plants of the following companies in Barceloneta: Abbott, Merck & Co., Bristol Meyers, Pfizer, Union Carbide, and Upjohn. 2. State plan is approved for other pollutants.

PUERTO RICO

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	65	637
Actual resources available FY 75	34	716

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	24
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	14
3. Coal-fired industrial boilers, 10-100 million Btu/hr	0
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	48
5. Residual oil-fired boilers, 10-100 million Btu/hr	58
6. Coal-fired boilers less than 10 million Btu/hr	0
7. Small and miscellaneous boilers	133
8. Chemical manufacture	8
9. Food and agricultural	23
10. Iron and steel industry	0
11. Primary non-ferrous metallurgy	0
12. Secondary metallurgy	5
13. Portland cement manufacture	28
14. Stone quarrying	69
15. Other mineral products	43
16. Petroleum processing	113
17. Wood products	0
18. Other industry	33
19. Petroleum storage	338
20. Other evaporative HC sources	40
21. Open-burning dumps	0
22. Industrial incineration	1
23. Other incineration	0
Total	978

[a] Data available from National Emissions Data System as of August 30, 1975.

PUERTO RICO

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	87	42	40	5
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)				
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries				
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces				
e. Basic oxygen furnaces				
f. Blast furnaces				

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	100
2. Field investigations	476
TOTAL	576

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	187
2. Administrative orders issued	34
3. Civil/criminal proceedings initiated	16
TOTAL	237

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Puerto Rico, Guayanilla	Puerto Rico Water Resources Authority South Coast Steam Power Plant	Violation of reg. specifying sulfur content of fuel.	Notice of violation issued 12/17/74. Order issued 2/23/75. Amended order issued 3/27/75.	
Puerto Rico, Hato Rey	Tropicair Mfg. Corp.	Violation of hydrocarbon regs.	Notice of violation and order issued 2/5/75.	
Puerto Rico, Monacillos	P.R. Medical Center	Violation of opacity regs.	Notice of violation issued 3/10/75.	
Puerto Rico, Monacillos	P.R. Concrete Products	Violation of particulate regs.	Notice of violation issued 3/4/75	
Puerto Rico, Ponce	Puerto Rico Cement Inc. Lime Kilns	Violation of opacity reg.	Notice of violation issued 5/9/74. Consent order signed 8/21/74.	Conference held-covered Ponce facility also.
Puerto Rico, Catano	Milinos De Puerto Rico	Violation of particulate matter reg.	Stipulation and consent order issued 7/8/75.	
Puerto Rico, Puerto Nuevo	Puerto Rico Water Resources Authority San Juan "Puerto Nuevo" Station Power Plant	Violation of opacity reg.	Notice of violation issued 9/19/74. Consent order issued 3/7/75.	

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Puerto Rico Toa Baja	Puerto Rico Water Resources Authority "Palo Seco" (Toa Baja) Station Power plant	Violation of opacity reg.	Notice to violation issued 9/19/74. Consent order issued 3/7/75.	
Puerto Rico, Aguire	Central Aguire	Violation of opacity regs.	Notice of violation issued 5/20/75.	
Puerto Rico, Bayamon	Caribbean Gulf Refining Corp. Baymon Facility	Violation of opacity regs.	Notice of violation issued 12/16/74.	
Puerto Rico, Guyanilla	PPG Industries (Caribe)	Violation of reg. specifying fuel content.	Notice of violation issued 12/17/74.	
Puerto Rico, Catano	Bacardi Corp.	Violation of reg. specifying content of fuel.	Notice of violation issued 12/17/74. Order issued 5/9/75.	
Puerto Rico, Guaynabo	Puerto Rico Glass Corp.	Violation of opacity reg.	Notice of violation issued 4/28/75.	
Puerto Rico, Guayanilla	Union Carbide Caribe, Inc.	Violation of reg. specifying sulfur content of fuel.	Notice of violation issued 12/17/74. Stipulation entered 4/10/75.	Notice of violation withdrawn under terms of stipulation.
Puerto Rico, Guayanilla	Puerto Rico Water Resources Authority South Coast (Guayanilla) Steam Plant Power Plant	Violation of opacity reg.	Consent order issued 3/7/75.	

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Puerto Rico, Puerto Nuevo	Puerto Rico Water Resources Authority San Juan Steam Plant Power Plant	Violation of reg. specifying sulfur content of fuel.	Notice of violation issued 12/17/74.	
Puerto Rico, Puerto Nuevo	San Juan Steam Plant Power Plant	Violation of opacity req.	Notice of violation issued 9/19/74. Consent order issued 3/7/75.	
Puerto Rico, San Juan	Puerto Rico Cement Inc. Lime Kiln	Violation of opacity req.	Notice of violation issued 5/9/74. Consent order signed 8/12/74.	Source in compliance with consent order.

U.S. VIRGIN ISLANDS

Table A. ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
247. U.S. Virgin Islands	TSP SO_2		

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

U.S. VIRGIN ISLANDS

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
247. U.S. Virgin Islands							
TSP	6	4	1	4	0	6	0
SO_2							
Daily	3	3	1	3	2	0	0
Hourly	1	0	0	0	0	4	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

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* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

VIRGIN ISLANDS

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

None

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	New source review plan was published as final rulemaking September 11, 1975.
Transportation control plans	None required.
Emission limitations	State plan is approved for all pollutants.

VIRGIN ISLANDS

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	10	150
Actual resources available FY 75	12	132

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	3
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	3
3. Coal-fired industrial boilers, 10-100 million Btu/hr	0
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	1
5. Residual oil-fired boilers, 10-100 million Btu/hr	5
6. Coal-fired boilers less than 10 million Btu/hr	0
7. Small and miscellaneous boilers	27
8. Chemical manufacture	7
9. Food and agricultural	1
10. Iron and steel industry	0
11. Primary non-ferrous metallurgy	0
12. Secondary metallurgy	0
13. Portland cement manufacture	0
14. Stone quarrying	20
15. Other mineral products	8
16. Petroleum processing	49
17. Wood products	0
18. Other industry	6
19. Petroleum storage	4
20. Other evaporative HC sources	0
21. Open-burning dumps	2
22. Industrial incineration	0
23. Other incineration	1
Total	137

[a] Data available from National Emissions Data System as of August 30, 1975.

VIRGIN ISLANDS
Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	16	15	1	0
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)				
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries				
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces				
e. Basic oxygen furnaces				
f. Blast furnaces				

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	19
2. Field investigations	36
TOTAL	55

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	30
2. Administrative orders issued	6
3. Civil/criminal proceedings initiated	2
TOTAL	38

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Virgin Islands,	St. Croix Petro-Chemical Corp./ petrochemical company.	Violation of federally promulgated new source review requirements of SIP.	Notice of violation 10/18/74.	Co. stopped construction until approval to construct was granted. Notice of violation withdrawn 3/7/75 upon granting
Virgin Islands, Frederiksted, St. Croix	Caribbean Material Supply Co., Inc.	Violation of particulate regs.	Notice of violation issued 1/11/74. Admin. order issued 3/26/74.	
Virgin Islands, Frederiksted, St. Croix	St. Croix Stone & Sand, Inc.	Violation of particulate regs.	Notice of violation issued 1/28/74. Admin. order issued 4/18/74.	
Virgin Island, St. Croix	Hess Oil Virgin Ils. Corporation Refinery	Violation of new source review regs.	Notice of violation issued 6/6/74.	
Virgin Islands, St. Croix	St. Croix Petro-Chemical Corp. Chemical Mfg.	Violation of federally promulgated new source review requirements of SIP.	Notice of violation issued 10/18/74.	Co. stopped construction until approval to construct was granted.
Virgin Islands, St. Croix	Vir. Ils. Water & Power Authority (St. Croix Facility) Power Plant	Violation of federally promulgated SIP new source review regulations.	Notice of violation issued 11/8/74. Consent order issued 2/14/75. Supplemental order issued 5/22/75.	Source has filed required new source review data.
Virgin Islands, St. Thomas	St. Thomas Paving Co. Ltd. Asphalt Concrete Plant	Violation of NSPS regs.	Notice of violation and admin. order issued 2/5/75. Supplemental orders issued 3/3/75 and 5/8/75.	

EPA REGION III

DELAWARE
DISTRICT OF COLUMBIA
MARYLAND
PENNSYLVANIA
VIRGINIA
WEST VIRGINIA

DELAWARE

Table A . ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*045. Metropolitan Philadelphia Interstate (N.J., Pa.)	TSP[b] SO_2[b]		
046. Southern Delaware	TSP SO_2		

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

DELAWARE

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]

CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*045. Metropolitan Philadelphia (N.J.,Pa.)							
TSP	15	14	11	14	1	12	0
SO_2 Daily	11	2	2	2	2	11	0
Hourly	15	13	4	11	0	0	0
CO	4	0	-	0	-	0	-
O_x	4	0	-	0	-	0	-
046. Southern Delaware							
TSP	5	2	0	4	0	3	0
SO_2 Daily	5	1	1	1	0	0	0
Hourly	5	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

DELAWARE

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

None

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	None required.
Emission limitations	1. EPA proposed regulation to change the size of fuel burning equipment exempt from particulate matter regulations (4-30-75). 2. EPA proposed to drop sulfur-in-fuel limitation in Southern Delaware AQCR (4-30-75).

DELAWARE

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	39	583
Actual resources available FY 75	28	547

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	10
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	14
3. Coal-fired industrial boilers, 10-100 million Btu/hr	0
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	0
5. Residual oil-fired boilers, 10-100 million Btu/hr	76
6. Coal-fired boilers less than 10 million Btu/hr	0
7. Small and miscellaneous boilers	85
8. Chemical manufacture	74
9. Food and agricultural	48
10. Iron and steel industry	2
11. Primary non-ferrous metallurgy	0
12. Secondary metallurgy	11
13. Portland cement manufacture	0
14. Stone quarrying	0
15. Other mineral products	16
16. Petroleum processing	21
17. Wood products	3
18. Other industry	57
19. Petroleum storage	97
20. Other evaporative HC sources	5
21. Open-burning dumps	0
22. Industrial incineration	2
23. Other incineration	0
Total	521

[a] Data available from National Emissions Data System as of August 30, 1975.

DELAWARE

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules: In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	52	50	2	0
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)	3	2	1	
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries				
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces	2	2		
e. Basic oxygen furnaces				
f. Blast furnaces				

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	no data
2. Field investigations	38
TOTAL	38+

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	no data
2. Administrative orders issued	no data
3. Civil/criminal proceedings initiated	no data
TOTAL	

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Delaware Claymont	Allied Chemical Corp.	Violation of emission std for sulfur oxides	Notice of violation issued on 5/24/72. Order comply issued on 6/18/72. Amended order issued on 6/18/74.	Commencing on 11/10/72 bimonthly progress reports have been submitted to EPA resulted in construction schedule with increments of progress schedule is presently being complied with. Amended order issued to discontinue monthly reporting co. in compliance.
Delaware, Delaware City	Delmarva Power & Light Co. Power Plant	Violation of sulfur oxide emission standard.	Notice of violation issued 3/6/72 Enforcement order issued 4/17/72.	Getty oil (supplying high sulfur fuel to Delmarva) litigated the EPA order. Court upheld EPA in Getty Oil vs. Ruckelshaus (342 F. Suppl. 1006; 467 F. 2d. 349;1/15/73). Court issued consent decree issued to meet 1% std. Plant in compliance
Delaware, Edge Moor	E.I. duPont de Nemours Co. Inc. Sulfate Mfg.	Violation of particulate emission std.	Consent order issued 10/25/74.	
Delaware, Indian River	Delmarva Power & Light Co. Power Plant	Violation of opacity and particulate emissions regs.	Conset order issued 4/1/75.	Source complying with terms of order.

Table A. ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*047. National Capital Interstate (Maryland, Va.)	SO_2	TSP[b] Non-point sources	

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

DISTRICT OF COLUMBIA
Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]
CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*047. National Capital (Md., Va.)							
TSP	10	2	1	2	1	0	0
SO_2 Daily	0	2	1	2	0	0	0
Hourly	6	3	0	1	0	0	0
CO	5	2	-	1	-	0	-
O_x	2	2	-	2	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

DISTRICT OF COLUMBIA
Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
National Capital Interstate (District of Columbia portion)	X	X		X	

[a]AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	1. EPA approved District regulations on June 23, 1975, which replace parts of the EPA promulgation for transportation control. 2. District has inspection/maintenance program for city-owned vehicles in operation. 3. METRO has continued to increase the size of the bus fleet. 4. Several bus lanes are already operational. 5. COG-run carpool program is gradually reaching all Federal employees. 6. EPA proposed revision for bikeways (9-4-75).
Emission limitations	EPA proposal for visible emission (TSP) submitted 7-11-74.

DISTRICT OF COLUMBIA

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	53	1040
Actual resources available FY 75	30	575

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	41
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	18
3. Coal-fired industrial boilers, 10-100 million Btu/hr	0
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	1
5. Residual oil-fired boilers, 10-100 million Btu/hr	16
6. Coal-fired boilers less than 10 million Btu/hr	0
7. Small and miscellaneous boilers	29
8. Chemical manufacture	0
9. Food and agricultural	0
10. Iron and steel industry	0
11. Primary non-ferrous metallurgy	0
12. Secondary metallurgy	0
13. Portland cement manufacture	0
14. Stone quarrying	0
15. Other mineral products	3
16. Petroleum processing	0
17. Wood products	0
18. Other industry	3
19. Petroleum storage	2
20. Other evaporative HC sources	0
21. Open-burning dumps	0
22. Industrial incineration	0
23. Other incineration	19
Total	132

[a] Data available from National Emissions Data System as of August 30, 1975.

DISTRICT OF COLUMBIA

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	18	14	4	0
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)				
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries				
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces				
e. Basic oxygen furnaces				
f. Blast furnaces				

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries..................................	
2. Field investigations..................................	300
TOTAL	300

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued..................	no data
2. Administrative orders issued..........................	no data
3. Civil/criminal proceedings initiated..................	no data
TOTAL	

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
District of Col. Washington	Dept of the Treasury Incinerator	Violation of particulate matter stds.	Consent order signed - 3/19/75. Order amended 4/22/75	Complying with terms of orders
District of Col. Washington	Bolling Air Force Base Boiler House	Violation of particulate regs.	Order issued 5/29/75.	Now in compliance.
District of Col. Washington	Dept. of Treasury Incinerator	Violation of particulate regs.	Order issued 3/10/75.	Meeting terms of order.

MARYLAND

Table A. ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*047. National Capital Interstate (D.C., Va.)	TSP[b] SO_2		
112. Central Maryland	SO_2	TSP	
*113. Cumberland-Keyser Interstate (W. Va.)	SO_2	TSP[b]	
114. Eastern Shore	TSP SO_2		
115. Metropolitan Baltimore		TSP Non-point sources	SO_2 Point sources
116. Southern Maryland	TSP SO_2		

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

MARYLAND

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]

CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*047. National Capital (D.C., Va.)							
TSP	28	28	25	26	24	26	0
SO_2							
Daily	12	14	14	14	13	1	0
Hourly	7	5	0	5	3	14	0
CO	5	4	-	5	-	3	-
O_x	7	3	-	5	-	4	-
112. Central Maryland							
TSP	3	9	3	8	7	8	0
SO_2							
Daily	3	6	3	7	6	0	0
Hourly	1	0	0	0	0	7	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*113. Cumberland-Keyser (W. Va.)							
TSP	6	7	1	6	6	6	0
SO_2							
Daily	3	5	1	6	5	0	0
Hourly	6	4	0	2	1	6	0
CO	3	2	-	2	-	1	-
O_x	0	0	-	0	-	0	-
114. Eastern Shore							
TSP	3	7	5	7	6	7	0
SO_2							
Daily	3	4	3	5	4	0	0
Hourly	0	0	0	0	0	5	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

MARYLAND (continued)

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]

CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
115. Metropolitan Baltimore							
TSP	32	31	30	31	28	32	0
SO_2 Daily	15	17	15	21	13	9	0
Hourly	10	11	0	16	1	27	0
CO	12	11	-	11	-	11	-
O_x	12	2	-	5	-	5	-
116. Southern Maryland							
TSP	2	3	1	4	3	3	0
SO_2 Daily	2	3	1	4	2	0	0
Hourly	2	0	0	0	0	3	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

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* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

MARYLAND

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Baltimore	X	X		X	
National Capital Interstate (Maryland portion)	X			X	
Potomac River Basin	X				

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	1. EPA promulgations (December 6, 1973) are in effect for Metropolitan Baltimore Intrastate and National Capital Interstate AQCRs. 2. Fourth Circuit Court ruled that EPA exceeded its authority in requiring a State legislature to formulate a TCP, thus, the plan is considered unenforceable by the Court (Sept. 75).
Emission limitations	1. Regulations affecting cup burners and new residual fuel-fired burners were published as proposed rulemaking on January 30, 1975. 2. Proposed rulemaking published January 30, 1975, called for deletion of requirement for the use of 0.5 percent sulfur fuel in place of one percent fuel by July 1, 1975. 3. EPA proposed new allowable TSP emission limitations for fuel-burning equipment; EPA proposal for TSP limitation on incinerators;[a] change allowable emission limit for NO_x from fuel-burning equipment; EPA proposal for sulfur content limitation for process gases used as fuel in existing fuel burning equipment.[b] (These proposals were effected 3-27-75.) [a] National Capital and Metropolitan Baltimore AQCRs are excluded. [b] Applies only to National Capital and Metropolitan Baltimore AQCRs.

MARYLAND

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	198	3386
Actual resources available FY 75	191	3170

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	63
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	35
3. Coal-fired industrial boilers, 10-100 million Btu/hr	5
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	9
5. Residual oil-fired boilers, 10-100 million Btu/hr	205
6. Coal-fired boilers less than 10 million Btu/hr	5
7. Small and miscellaneous boilers	341
8. Chemical manufacture	179
9. Food and agricultural	63
10. Iron and steel industry	23
11. Primary non-ferrous metallurgy	49
12. Secondary metallurgy	52
13. Portland cement manufacture	50
14. Stone quarrying	53
15. Other mineral products	117
16. Petroleum processing	18
17. Wood products	27
18. Other industry	486
19. Petroleum storage	21
20. Other evaporative HC sources	134
21. Open-burning dumps	0
22. Industrial incineration	7
23. Other incineration	26
Total	1,968

[a] Data available from National Emissions Data System as of August 30, 1975.

MARYLAND

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules: In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	211	185	26	0
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)	5	2	3	
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries	12		12	
b. Sinter lines	6		6	
c. Open hearth furnaces	8	1	7	
d. Electric arc furnaces	6	3		3
e. Basic oxygen furnaces	2		2	
f. Blast furnaces	11	3	8	

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries..................................	no data
2. Field investigations.....................................	314
TOTAL	314+

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued....................	no data
2. Administrative orders issued.............................	no data
3. Civil/criminal proceedings initiated.....................	no data
TOTAL	

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Maryland D.C. Area	PEPCO Chalk Point Station Power Plant	Violation of sulfur oxide and particulate emission standard.	Notice of violation issued 6/ /74. New notice issued 3/25/75.	Conference held on 7/25/74. Draft order sent to PEPCO and to State.
Maryland, Bainbridge	Naval Training Center Boiler & Incinerator	Violation of particulate and opacity reqs.	Order issued 12/13/74.	Now in compliance.
Maryland, Baltimore	Southern States Grain Coops Grain Dryer	Violation of opacity stds.	12/28/73 - Notice of violation issued.	1/24/73 - conference held 7/5/74 draft consent orders mailed to co. Letter of intent received Dec. 1974. Co. meeting interim stds. State reqs. to be revised.
Maryland, Bethesda	National Med. Center Indust. Boiler & Incinerator	Violation of particulate emission std.	Order 9/5/75 ammended 10/15/74.	Source is now in compliance.
Maryland, Bethesda	Dept. of Navy Naval Med. Center Boiler	Violation of particulate and opacity reqs.	Order issued 11/8/74.	Now in compliance.
Maryland, D.C. Area	PEPCO Dickerson Station Power Plant	Violation of sulfur oxide and particulate emission std.	Notice of violation issued 6/01/74. New notice issued 3/25/75.	Conference held on 9/17/75. Draft order sent to PEPCO and to State.

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Maryland, D.C. Area	PEPCO Morgantown Station Power Plant	Violation of sulfur std.	Notice of violation issued 6/ /74.	Md. has revised req. for that; AQCR; ESECA order issued.
Maryland, Eastern Shore	Bayshore Foods, Grain Dryer	Violation of opacity stds.	12/28/73 - Notice of violation issued.	1/24/73 - conference held 7/5/74 - draft consent order mailed to company. Letter of intent received
Maryland, Eastern Shore	Perdue, Inc. Grain Dryer	Violation of opacity stds.	12/28/73 - Notice of violation issued.	1/24/73 - conference held 7/5/74 draft consent orders received Dec. 1974. Co. meeting interim stds. State reqs. to be revised.
Maryland, Eastern Shore	Snow Hill Grain Grain Dryer	Violation of opacity standards	12/28/73 - Notice of violation issued.	1/24/73 - conference held 7/5/74 draft consent orders mailed to co. Letter of intent received Dec. 1974. Co. interim stds. state reqs. to be revised.
Maryland, Emittsburg	Charles Wetzel Dump Open Dump	Violation of particulate (open burning) std.	Consent order issued 10/10/74.	
Maryland, Rockhill	Montgomery Cty. Incinerator	Failure to respond to sec. 114 letter.	Order issued 4/23/74.	Co. complied with order.
Maryland, Sabillesville	Benchoffs Dump Open Dump	Violation of particulate (open burning) std.	Consent order issued 10/10/74.	Sourc has shutdown.

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Maryland, Seat Pleasant	Federal Wrecking Co. Demolition Contractor	Violation of NESHAPS (asbestos) regulations.	Order issued 6/13/75.	Contractor complied with regs. before further demolition occurred.
Maryland, Silver Spring	Naval Ordinance Laboratory Incinerator	Violation of particulate emission std.	Consent agreement signed 12/16/74.	Source is now in compliance.
Maryland, Thurmond	Fogels Dump Open Dump	Violation of particulate (open burning) std.	Order issued. Order amended 10/15/74.	Source has shutdown.
Maryland, White Oak	Dept of Navy Naval Ordinance Lab Boiler House	Violation of particulate & opacity regs.	Order issued 9/16/74; reissued 12/10/74.	Now in compliance. .

PENNSYLVANIA

Table A. ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*045. Metropolitan Philadelphia Interstate (Del., N.J.)		TSP[b] SO_2[b]-Power plant	
*151. Northeast Pennsylvania-Upper Delaware Valley Interstate (N.J.)	SO_2	TSP[b]	
*178. Northwest Pennsylvania-Youngstown Interstate (Ohio)	SO_2[b]	TSP	
195. Central Pennsylvania	SO_2	TSP Point sources	
196. South Central Pennsylvania	SO_2	TSP Point sources	
197. Southwest Pennsylvania		TSP Non-point sources SO_2-Power plant	

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

PENNSYLVANIA

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]

CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*045. Metropolitan Philadelphia (Del., N.J.)							
TSP	21	22	14	31	2	28	0
SO_2							
Daily	0	2	1	4	1	17	0
Hourly	17	6	0	3	0	0	0
CO	17	2	-	3	-	10	-
O_x	10	3	-	4	-	13	-
*151. Northeast Pa. - Upper Delaware Valley (N.J.)							
TSP	23	29	25	29	4	24	0
SO_2							
Daily	0	3	3	3	2	6	0
Hourly	9	0	0	0	0	0	0
CO	9	0	-	0	-	0	-
O_x	9	0	-	0	-	5	-
*178. Northwest Pa.-Youngstown (Ohio)							
TSP	9	9	9	9	2	8	0
SO_2							
Daily	0	1	1	1	1	3	0
Hourly	4	0	0	0	0	0	0
CO	4	0	-	0	-	0	-
O_x	4	0	-	0	-	2	-
195. Central Pennsylvania							
TSP	8	8	8	8	2	10	0
SO_2							
Daily	0	0	0	1	0	1	0
Hourly	3	0	0	0	0	0	0
CO	3	0	-	0	-	0	-
O_x	3	0	-	0	-	1	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

PENNSYLVANIA (continued)

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
196. South Central Pa.							
TSP	20	22	20	23	2	20	0
SO_2 Daily	0	2	0	2	0	3	0
Hourly	8	0	0	0	0	0	1
CO	8	0	-	0	-	0	-
O_x	8	0	-	0	-	3	-
197. Southwest Pennsylvania							
TSP	35	15	14	35	17	34	0
SO_2 Daily	0	3	2	3	0	11	0
Hourly	18	0	0	7	7	0	0
CO	9	0	-	2	-	0	-
O_x	10	0	-	0	-	3	-

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* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

PENNSYLVANIA

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Allegheny County Air Basin	X	X		X	
Allentown-Bethlehem-Easton Interstate (Pennsylvania portion)	X				
Beaver Valley Air Basin	X	X			
Erie Air Basin	X				
Harrisburg Air Basin	X				
Johnstown Air Basin	X				
Lancaster Air Basin	X				
Monongahela Valley Air Basin	X	X			
Reading Air Basin	X				
Scranton-Wilkes-Barre Air Basin	X				
Metropolitan Philadelphia Interstate (Pennsylvania portion)	X	X		X	
York Air Basin	X				

[a] AQMAs are designed by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

PENNSYLVANIA

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	1. EPA promulgation (November 28, 1973) is in effect for Southwest Philadelphia AQCR and Metropolitan Philadelphia AQCR. 2. The Governor has announced that there will be mandatory inspection/maintenance on a state-wide basis, with implementation beginning by late summer 1975. (Implementation has been delayed.) 3. An instructors training course for inspection/maintenance was to be given in August. 4. Several employers in Pittsburgh have submitted acceptable employer incentive plans. 5. Third Circuit Court has overruled the air bleed retrofit regulation for Pittsburgh (7-74).
Emission limitations	1. State plan for attaining secondary SO_2 standard in Metropolitan Philadelphia AQCR was approved June 14, 1975. 2. On August 4, 1975, Pennsylvania proposed a plan revision to delay the sulfur-in-fuel decrease from March 31 to October 1, 1975. The decrease is from 0.5 to 0.3 percent sulfur in fuel. 3. On March 14, 1975, State proposed a revision for pressed, blown, and spun glass melting furnaces incorporating new process weight factor to control TSP emissions. 4. EPA proposed changes in allowable SO_2 emissions from coke oven gas (1-10-75).

PENNSYLVANIA

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	507	9904
Actual resources available FY 75	400	8612

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	307
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	147
3. Coal-fired industrial boilers, 10-100 million Btu/hr	195
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	79
5. Residual oil-fired boilers, 10-100 million Btu/hr	478
6. Coal-fired boilers less than 10 million Btu/hr	129
7. Small and miscellaneous boilers	939
8. Chemical manufacture	324
9. Food and agricultural	114
10. Iron and steel industry	213
11. Primary non-ferrous metallurgy	10
12. Secondary metallurgy	384
13. Portland cement manufacture	141
14. Stone quarrying	76
15. Other mineral products	306
16. Petroleum processing	159
17. Wood products	51
18. Other industry	279
19. Petroleum storage	356
20. Other evaporative HC sources	502
21. Open-burning dumps	14
22. Industrial incineration	51
23. Other incineration	52
Total	5,306

[a] Data available from National Emissions Data System as of August 30, 1975.

PENNSYLVANIA

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	1,712	1,547	165	0
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)	28	25	3	
2. NON-FERROUS SMELTERS (SO_2)	2	1	1	
3. STEEL PROCESSES (TSP)				
a. Coke batteries	57		41	16
b. Sinter lines	30	1	7	22
c. Open hearth furnaces	71	16	17	38
d. Electric arc furnaces	96	20	30	46
e. Basic oxygen furnaces	20	1	7	12
f. Blast furnaces	51	1	4	46

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	no data
2. Field investigations	8,020
TOTAL	8,020+

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	no data
2. Administrative orders issued	no data
3. Civil/criminal proceedings initiated	no data
TOTAL	

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Pennsylvania, Philadelphia	ASG Industries Glass Mfg.	Violation of particulate regs.	NOV issued 12/26/74.	Co. in compliance
Pennsylvania, Pittsburgh	J&L Steel Co. Steel Mill	Violation of particulate, opacity, sulfur oxides, and fugitive emission regs.	NOV issued 2/21/75.	Consent agreement has been negotiated and settlement appears imminent.
Pennsylvania, Reading	Reading Gray Iron Casting, Gray Iron Foundry	Failure to respond to §114 letter.	Order issued on 4/3/74.	Co. is in compliance.
Pennsylvania, Saxton	Penn. Elec. Co. Saxton Station	Power plant in violation of particulate reg.	Consent order issued 11/18/74.	In compliance via shutdown.
Pennsylvania, Seward	Penn. Elec. Co. Seward Station Power Plant	Violation of particulates emission std.	Notice of violation issued 6/19/74. Consent order issued 11/18/74.	Co. is complying with terms of the order.
Pennsylvania, Shelocta	Penn. Elec. Co. Keystone Station	Violation of particulates and sulfur oxide emission	Notice of violation issued 6/19/74. Consent order issued	Co. is complying with terms of the order.
Pennsylvania, Sheffield	McMillin Lumber Products of Sheffield	Failure to respond to sec. 114 letter.	Order issued 4/3/75.	Co. complied with order.

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Pennsylvania, Middletown	Met. Edison Crawford Station	Power plant in violation of particulate reqs.	Consent order issued 6/30/75.	Meeting terms of order; co. to shutdown 3/19/77.
Pennsylvania, New Florence	Penn. Elec. Co. Conemaugh Station Power Plant	Violation of particulates and sulfur oxide emission stds.	Notice of violation issued 6/19/74. Consent order issued 11/18/74.	Co. in compliance.
Pennsylvania, Oil City	Electrallory Corp. Secondary Smelter	Violation of particulate stds.	Consent order issued 3/26/75.	Co. complying with terms of order.
Phila. Phoenixville Phoenixville	Electric Co. Eddystone & Cromby Station Power Plant	culates and sulfur oxide emission stds.	issued 6/19/74. Consent order issued 11/18/74.	behind sched. due to technical problems.
Pennsylvania, Philadelphia	Philadelphia Incinerators Municipal Incinerators	Violation of particulate and opacity reqs.	Consent order issued 10/17/74.	Source complying with terms of order, but experiencing slight delays
Pennsylvania, Philadelphia	Sorenson Indust. Foundry	Violation of NESHAPS (Beryllium) reqs.	Consent order issued 3/ /75.	Co. in compliance.
Pennsylvania, Philadelphia	Allied Chem. Co. and Wrecking Corp. of America Demolition	Violation of NESHAPS (asbestos) demolition reqs.	Order issued 10/18/74.	Co. in compliance.

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Pennsylvania, Homer City	Penn. Elec. Co. Homer City Station	Violation of particulates and sulfur oxide emission stds.	Notice of violation issued 6/19/74. Consent order issued 11/18/74.	Co. is in compliance but experiencing testing problems.
Pennsylvania, Jefferson Twn. Somerset Cnty. Pennsylvania	New Enterprise Stone & Lime Co., Barkersville Plant Quarrying Operation	Violation of particulate matter stds.	Order issued 12/12/74.	Co. in compliance.
Pennsylvania, Johnstown	Bethlehem Steel Co. Steel Mill	Violation of opacity and particulate regs.	Consent order issued 12/ /74.	Only covers sintering, coke charging, open hearth, and misc. sources Co. complying with terms of order.
Pennsylvania, Kittanning	Manor Minerals, Inc. Mineral Processing	No response to §114 letter requesting information regarding facilities emissions.	Order issued 4/3/74.	Company complied with order.
Pennsylvania, Lewistown	Setkin Smelting and Refining Co. Smelter	Violation of particulate reg.	Consent order issued 3/31/75.	Co. complying with terms of order.
Pennsylvania, Meadville	Abex Corp. Smelting	Violation of particulate emission stds.	Notice of violation issued 5/1/74. Consent order signed 9/4/74. Ammended order issued 5/16/75.	In compliance with terms of order. Bag house [illegible] complete; reverb. Furnace shutdown until controls are complete.

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Pennsylvania, Delaware	Delaware County Municipal Incinerator Incinerator	Violation of particulate emission stds.	Notice of violation issued 6/25/74.	
Pennsylvania, Emleton	Quaker State Oil Refining Co. Emleton Plant	Violation of particulate and opacity regs.	Order issued 3/10/75.	Co. complying with terms of order.
Pennsylvania, Erie	Penn. Elec. Co. Front St. Station Power Plant	Violation of particulates and sulfur oxide emission stds.	Notice of violation issued 6/19/74. Consent order issued 11/18/74.	Co. is not complying with terms of the order. For particulates due to union problems.
Pennsylvania, Erie	General Electric Co. Electrical Components	Violation of NESHAPS (asbestos) regs.	Order issued 12/13/74.	Co. in compliance
Pennsylvania, Erie	Erie Brewing Co. Brewery	Violation of SOx, particulates and opacity regs.	Consent order issued 4/22/75.	Co. behind schedule with increments of progress. To be pursued further.
Pennsylvania, Evansville	Allentown Portland Cement Co. Cement Plant	Failure to respond §114 letter.	Order issued on 5/3/74.	Complied with order
Pennsylvania, Farmers Valley McKean Cnty.	Quaker State Oil Refining Co. Oil Refinery	Violation of particulate matter and opacity stds.	Order issued 3/10/75.	Complying with terms of order.
Pennsylvania, Freedom	Ashland Oil Co. Refinery	Violation of Hydrocarbon reg.	Consent order issued 3/26/75.	Co. complying with terms of order.

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Pennsylvania, Bethlehem	N.L. Morrel Co.	Violation of Sec. 114 request for info.	Order issued 4/30/75.	Co. complied with order.
Pennsylvania, Clairton	U. S. Steel Clairton Works Coke Ovens	Violation of opacity and particulate emission stds.	Notice of violation issued 11/8/73. Referred to U. S. Atty. for combustion stacks door leaks, & topside emission on 6/7/74. Referred to U.S. Atty. for pushing sent on 7/11/74.	On 11/29/74. Honorable J.L. Miller stayed grand jury proceeding Feb. 1975. 3rd Cir. oral arguments held 9/2/75.
Pennsylvania, Clearfield	Penn. Elec. Co. Shawville Station. Power Plant	Violation of particulates oxide std.	Notice of violation issued 6/19/74. Consent order issued 11/18/74.	Co. is complying with terms of the order.
Pennsylvania, Courtney	West Penn Power Co. Mitchell Power Plant	Violation of particulate and sulfur Oxide stds.	Notice of violation issued 9/13/73. Orders issued 2/1/75. and 3/16/75.	Orders stayed pending co. appeal.
Pennsylvania, Cromwell Twnp. Huntingdon Pennsylvania	New Enter. Stone & Lime Co. Orbinsonia Plant Quarrying Operation	Violation of particulate matter stds.	Order issued 12/12/74.	Co. in compliance.

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Pennsylvania, State College	Penn. State U. Boiler House	Violation of opacity regs.	NOV issued 12/26/74.	Source now in compliance.
Pennsylvania, Summit	Miles Foundry Grey Iron Foundry	Failure to respond to sec. 114 letter.	Order issued 3/27/75.	Co. complied with order.
Pennsylvania, Warren	Penn. Elec. Co. Warren Station Power Plant	Violation of particulates and sulfur oxide emission stds.	Notice of violation issued 6/19/74. Consent order issued 11/18/74.	Co. is complying with terms of the order.
Pennsylvania, Washington City	Jessop Steel Co. Steel Plant	Violation of particulates req.	Consent order issued 4/11/75.	Co. behind schedule with increments of progress. To be pursued further.
Pennsylvania, Williamsburg	Penn. Elec. Co. Williamsburg Station Power Plant	Violation of particulates emission stds.	Notice of violation issued 6/19/74. Consent order issued 11/18/74.	Co. is complying with terms of the order.
Pennsylvania, Wyomissing	Metals Engineering, Inc. Metallergy Shop	Failure to respond to §114 letter.	Order issued on 4/3/74.	Company complied with order.

VIRGINIA

Table A . ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*047. National Capital Interstate (D.C., Md.)	TSP[b] SO_2		
*207. Eastern Tennessee-Southwestern Virginia Interstate (Tenn.)	SO_2[b]	TSP[b] Industrial fugitive emissions	
222. Central Virginia	SO_2	TSP Fugitive dust area	
223. Hampton Roads	SO_2	TSP	
224. Northeastern Virginia	TSP SO_2		
225. State Capital	SO_2	TSP	
226. Valley of Virginia	SO_2	TSP Industrial fugitive emissions	

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

VIRGINIA

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]

CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*047. National Capital (D.C., Md.)							
TSP	18	30	20	34	18	36	0
SO_2							
Daily	11	4	0	10	4	5	0
Hourly	2	4	0	5	0	17	0
CO	2	2	-	3	-	5	-
O_x	2	2	-	6	-	6	-
*207. Eastern Tennessee-Southwestern Va. (Tenn.)							
TSP	8	11	8	13	11	13	0
SO_2							
Daily	6	8	1	10	6	2	0
Hourly	2	1	0	1	0	7	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
222. Central Virginia							
TSP	18	25	16	28	22	25	0
SO_2							
Daily	2	8	1	7	6	0	0
Hourly	0	0	0	0	0	9	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
223. Hampton Roads							
TSP	15	21	18	20	17	16	0
SO_2							
Daily	11	14	9	15	10	4	0
Hourly	3	3	0	3	0	12	0
CO	3	2	-	3	-	3	-
O_x	3	1	-	2	-	2	-

*.= Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

VIRGINIA (continued)

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
224. Northeastern Va.							
TSP	8	4	0	13	2	11	0
SO_2							
Daily	3	3	0	5	0	0	0
Hourly	0	0	0	0	0	2	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
225. State Capital							
TSP	20	10	2	26	18	23	0
SO_2							
Daily	8	8	1	14	12	2	0
Hourly	2	0	0	2	0	15	0
CO	2	3	-	2	-	2	-
O_x	2	2	-	3	-	2	-
226. Valley of Virginia							
TSP	21	22	5	38	28	32	0
SO_2							
Daily	6	4	3	10	4	0	0
Hourly	0	0	0	0	0	10	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

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* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

VIRGINIA

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Hampton-Newport News	X				
Lynchburg	X				
National Capital Interstate (Virginia portion)	X			X	
Norfolk-Portsmouth-Virginia Beach	X				
Petersburg-Colonial Heights-Hopewell	X				
Richmond	X				
Roanoke	X				

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the *Federal Register*.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	EPA promulgation (December 6, 1973) is in effect for National Capital Interstate AQCR. State submitted regulations for hydrocarbon control from stationary sources (10-1-74).
Emission limitations	State plan is approved for all pollutants.

VIRGINIA

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	284	4736
Actual resources available FY 75	166	2529

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	42
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	79
3. Coal-fired industrial boilers, 10-100 million Btu/hr	43
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	91
5. Residual oil-fired boilers, 10-100 million Btu/hr	131
6. Coal-fired boilers less than 10 million Btu/hr	13
7. Small and miscellaneous boilers	231
8. Chemical manufacture	101
9. Food and agricultural	90
10. Iron and steel industry	9
11. Primary non-ferrous metallurgy	0
12. Secondary metallurgy	61
13. Portland cement manufacture	8
14. Stone quarrying	403
15. Other mineral products	257
16. Petroleum processing	4
17. Wood products	157
18. Other industry	293
19. Petroleum storage	743
20. Other evaporative HC sources	64
21. Open-burning dumps	5
22. Industrial incineration	69
23. Other incineration	18
Total	2912

[a] Data available from National Emissions Data System as of August 30, 1975.

VIRGINIA

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	573	550	23	0
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)	7	7		
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP) a. Coke batteries b. Sinter lines c. Open hearth furnaces d. Electric arc furnaces e. Basic oxygen furnaces f. Blast furnaces	6			6

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	no data
2. Field investigations	411
TOTAL	411

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	no data
2. Administrative orders issued	no data
3. Civil/criminal proceedings initiated	no data
TOTAL	

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Virginia, Alexandria	PEPCO Potomac River Station Power Plant	Violation of opacity limitation.	Notice of violation issued 1/30/74.	Admin. order to be issued in near future.
Virginia, Arlington	Arlington Cty. Incinerator stds. Sludge Incinerator	Violation of particulate emission Order to stack test issued 7/2/74.	Notice of violation sent on 3/14/74.	Stack test shows marginal violation consent order to be pursued.
Virginia, Danville	Boise Cascade Indust. Boiler	Violation of particulate emission stds.	Notice of violation issued 3/15/74. Enforcement order issued 6/7/74.	Plant has shutdown. in January 1975 due to economic reasons.
Virginia, Danville	Brantly Generating Station Power Plant	Violation of particulate emission limitation.	Notice of violation issued 6/4/74.	Conference held on 7/29/74. Admin. order to be issued in the near future.
Virginia, Richmond	Federal Paper Board Inc. Industrial Boiler	Violation of particulate emission limits.	Notice of violation issued 4/17/74.	Stack test shows marginal violation. Further investigation necessary.
Virginia, Winchester	Abex Corp Brake Shoes	Violation of NESHAPS (asbestos) reqs.	Order issued 3/26/75.	Co. is in compliance.

WEST VIRGINIA

Table A. ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*103. Huntington-Ashland-Portsmouth-Ironton Interstate (Ky., Ohio)	TSP[b] SO_2[b]		
*113. Cumberland-Keyser Interstate (Md.)	TSP[b] SO_2		
*179. Parkersburg-Marietta Interstate (Ohio)	TSP[b] SO_2[b]		
*181. Steubenville-Weirton-Wheeling Interstate (Ohio)		TSP SO_2	
231. Allegheny	TSP SO_2		
232. Central West Virginia	TSP SO_2		
233. Eastern Panhandle	TSP SO_2		
234. Kanawha Valley	SO_2	TSP Point sources	
235. North Central West Virginia	TSP SO_2		
236. Southern West Virginia	TSP	SO_2-Power plant	

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

WEST VIRGINIA

Table 8. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]

CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*103. Huntington-Ashland-Portsmouth-Ironton (Ky., Ohio)							
TSP	2	3	3	4	1	2	0
SO_2 Daily	1	0	0	0	0	0	0
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*113. Cumberland- Keyser (Md.)							
TSP	1	2	0	0	0	4	0
SO_2 Daily	0	0	0	0	0	0	0
Hourly	0	0	0	0	0	3	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*179. Parkersburg-Marietta (Ohio)							
TSP	3	3	2	3	0	3	0
SO_2 Daily	2	0	0	0	0	0	0
Hourly	1	0	0	0	0	2	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*181. Steubenville-Weirton-Wheeling (Ohio)							
TSP	7	13	10	11	0	12	0
SO_2 Daily	5	6	0	5	0	2	0
Hourly	1	0	0	1	0	6	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

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* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

WEST VIRGINIA (continued)

Table B. AIR QUALITY MONITORING ACTIVITY
REPORTED TO SAROAD[a]
CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
231. Allegheny							
TSP	1	0	0	0	0	0	0
SO_2 Daily	1	0	0	0	0	0	0
Hourly	0	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
232. Central West Virginia							
TSP	1	0	0	0	0	1	0
SO_2 Daily	1	0	0	0	0	0	0
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
233. Eastern Panhandle							
TSP	1	0	0	0	0	0	0
SO_2 Daily	1	0	0	0	0	0	0
Hourly	0	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
234. Kanawha Valley							
TSP	14	14	11	13	2	12	0
SO_2 Daily	8	9	1	8	0	1	0
Hourly	0	0	0	1	0	9	0
CO	1	1	-	1	-	1	-
O_x	3	0	-	0	-	0	-

*.= Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

WEST VIRGINIA (continued)

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

		No. monitors reporting					
		1972		1973		1974	
AQCR/Pollutant	No. monitors proposed in SIP for 1974	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
235. North Central West Virginia							
TSP	6	6	5	5	0	4	0
SO_2 Daily	1	0	0	0	0	0	0
Hourly	0	0	0	0	0	2	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
236. Southern West Virginia							
TSP	1	2	2	2	0	3	0
SO_2 Daily	1	0	0	0	0	0	0
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

*.= Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

WEST VIRGINIA

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

None

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	None required.
Emission limitations	EPA proposed regulations to change allowable SO_x emissions for exit gas streams in fuel burning sources (12-24-74).

WEST VIRGINIA

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	123	1764
Actual resources available FY 75	77	1086

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	42
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	47
3. Coal-fired industrial boilers, 10-100 million Btu/hr	36
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	0
5. Residual oil-fired boilers, 10-100 million Btu/hr	21
6. Coal-fired boilers less than 10 million Btu/hr	0
7. Small and miscellaneous boilers	59
8. Chemical manufacture	94
9. Food and agricultural	0
10. Iron and steel industry	73
11. Primary non-ferrous metallurgy	11
12. Secondary metallurgy	8
13. Portland cement manufacture	6
14. Stone quarrying	95
15. Other mineral products	113
16. Petroleum processing	1
17. Wood products	14
18. Other industry	67
19. Petroleum storage	0
20. Other evaporative HC sources	14
21. Open-burning dumps	4
22. Industrial incineration	32
23. Other incineration	1
Total	738

[a] Data available from National Emissions Data System as of August 30, 1975.

WEST VIRGINIA

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules: In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	261	233	28	0
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)	12	12		
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries	16		12	4
b. Sinter lines	3		2	1
c. Open hearth furnaces				
d. Electric arc furnaces				
e. Basic oxygen furnaces	2			2
f. Blast furnaces	4			4

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	no data
2. Field investigations	270
TOTAL	270 +

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	no data
2. Administrative orders issued	no data
3. Civil/criminal proceedings initiated	no data
TOTAL	

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
West Virginia, Follansbee	Wheeling - Pittsburgh Steel Corp. Steel Plant	Violation of particulate matter, opacity and SOx stds.	NOV issued 5/9/75.	

EPA REGION IV

ALABAMA
FLORIDA
GEORGIA
KENTUCKY
MISSISSIPPI
NORTH CAROLINA
SOUTH CAROLINA
TENNESSEE

ALABAMA

Table A . ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
001. Alabama and Tombigbee Rivers	TSP SO_2		
*002. Columbus-Phenix City Interstate (Georgia)	TSP SO_2		
003. East Alabama	SO_2		TSP
004. Metropolitan Birmingham	SO_2	TSP	
*005. Mobile-Pensacola-Panama City-Southern Mississippi Interstate (Fla., Miss.)	SO_2		TSP[b] Mobile and point sources
006. Southeast Alabama	TSP SO_2		
*007. Tennessee River Valley-Cumberland Mountains Interstate (Tenn.)		TSP[b] SO_2[b]-power plant	

* = Interstate AQCR

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[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

ALABAMA

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]

CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
001. Alabama and Tombigbee Rivers							
TSP	3	4	3	4	3	6	1
SO_2 Daily	1	0	0	0	0	0	0
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*002. Columbus-Phenix City (Georgia)							
TSP	5	6	4	7	2	6	3
SO_2 Daily	1	1	1	1	1	0	0
Hourly	0	0	0	0	0	2	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
003. East Alabama							
TSP	6	6	4	7	5	8	4
SO_2 Daily	1	0	0	0	0	0	0
Hourly	0	0	0	0	0	2	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
004. Metropolitan Birmingham							
TSP	10	21	9	19	18	21	11
SO_2 Daily	3	9	1	7	6	2	2
Hourly	1	1	0	1	0	10	0
CO	3	1	-	1	-	2	-
O_x	3	0	-	1	-	2	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

ALABAMA (continued)

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*005. Mobile-Pensacola-Panama City-Southern Mississippi (Fla., Miss.)							
TSP	4	3	1	3	2	17	6
SO_2							
Daily	3	0	0	0	0	2	0
Hourly	1	1	1	1	0	4	0
CO	0	1	-	1	-	0	-
O_x	1	2	-	1	-	2	-
006. Southeast Alabama							
TSP	3	2	2	2	2	5	1
SO_2							
Daily	1	0	0	0	0	0	0
Hourly	0	0	0	0	0	2	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*007. Tennessee River Valley-Cumberland Mountains (Tenn.)							
TSP	7	17	15	40	28	33	17
SO_2							
Daily	5	0	0	3	0	2	3
Hourly	2	1	1	3	0	15	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

ALABAMA

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Birmingham	X				
Gadsen	X				
Mobile	X				

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the *Federal Register*.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	None required.
Emission limitations	1. Revisions to SO_2 emission limits from sulfuric acid plants were proposed 9/4/75. 2. Revision to TSP emission limits from primary aluminum plants was promulgated 5/8/75. 3. Revision to TSP emission limits from coke ovens was promulgated 8/28/75. 4. Revisions to TSP emission limits from Portland cement plants was proposed 7/24/75. 5. State plan is in effect for other pollutants.

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	151	2430
Actual resources available FY 75	93	1609

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	54
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	64
3. Coal-fired industrial boilers, 10-100 million Btu/hr	11
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	34
5. Residual oil-fired boilers, 10-100 million Btu/hr	33
6. Coal-fired boilers less than 10 million Btu/hr	0
7. Small and miscellaneous boilers	264
8. Chemical manufacture	86
9. Food and agricultural	82
10. Iron and steel industry	118
11. Primary non-ferrous metallurgy	39
12. Secondary metallurgy	379
13. Portland cement manufacture	75
14. Stone quarrying	111
15. Other mineral products	197
16. Petroleum processing	13
17. Wood products	99
18. Other industry	619
19. Petroleum storage	374
20. Other evaporative HC sources	52
21. Open-burning dumps	0
22. Industrial incineration	52
23. Other incineration	0
Total	2,756

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[a] Data available from National Emissions Data System as of August 30, 1975.

ALABAMA

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules: In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	1,057	1,035	22	0
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)	10	8	2	
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries	29	29		
b. Sinter lines	4	4		
c. Open hearth furnaces	5	5		
d. Electric arc furnaces	5	5		
e. Basic oxygen furnaces	2	2		
f. Blast furnaces	9	9		

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	180
2. Field investigations	6,281
TOTAL	6,461

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	46
2. Administrative orders issued	273
3. Civil/criminal proceedings initiated	1
TOTAL	321

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Alabama, Birmingham	U. S. Steel Steel Plant	PM SIP violation.	NOV issued Returned to Justice for decree	Consent decree signed by U.S. District Judge 7/23/75.
Alabama, Birmingham	U.S. Gypsum Co. Mineral Wood Plant	Violation of part. emission std.	NOV issued 6/18/75.	Order being prepared.
Alabama, Coosa Pines	Kimberly-Clark Paper Mill	PM SIP violation	NOV issued 8/2/75	Will review State's variance determine appropriateness.
Alabama, Demopolis	Lone Star Industries Inc. Cement Plant	PM SIP violation	NOV issued 1/14/74 Admin. order 7/17/74.	Administrative order in process of being amended.
Alabama, Demopolis	Gulf States Paper Paper Mill	PM SIP violation	NOV issued 3/18/75.	Will review State's variance to determine appropriateness.
Alabama, Sheffield	Union Carbide Corp. Terroalloys Plant.	Violation of part. emission stds.	NOV issued 6/20/75.	
Alabama, Stevenson	TVA-Widows Creek Station Power Plant	Violation of particulate emission std.	Notice of violation issued 12/4/74. Admin. order 12/9/74.	
Alabama, Tuscombia	TVA-Colbert Sta. Power Plant	Violation of particulate emission std.	Notice of violation issued 12/4/74. Admin. order 12/19/74.	

FLORIDA

Table A . ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*005. Mobile-Pensacola-Panama City-Southern Mississippi Interstate (Ala., Miss.)	SO_2	TSP[b] Mobile and point sources	
048. Central Florida	TSP SO_2		
*049. Jacksonville-Brunswick Interstate (Georgia)	SO_2	TSP[b] Point sources	
050. Southeast Florida	SO_2	TSP	
051. Southwest Florida	TSP SO_2		
052. West Central Florida			TSP SO_2

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

FLORIDA

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]

CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*005. Mobile-Pensacola-Panama City-Southern Mississippi (Ala., Miss.)							
TSP	3	1	0	3	0	0	0
SO_2							
Daily	2	10	0	9	0	0	0
Hourly	1	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	1	0	-	0	-	0	-
048. Central Florida							
TSP	3	1	0	5	0	0	0
SO_2							
Daily	1	0	0	1	0	0	0
Hourly	0	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*049. Jacksonville-Brunswick (Ga.)							
TSP	9	14	2	27	1	0	0
SO_2							
Daily	3	2	1	11	1	0	0
Hourly	2	3	0	0	0	1	0
CO	0	4	-	1	-	0	-
O_x	2	3	-	1	-	0	-
050. Southeast Florida							
TSP	3	6	1	42	0	1	0
SO_2							
Daily	1	1	0	3	1	0	0
Hourly	0	1	0	4	0	1	0
CO	0	1	-	1	-	0	-
O_x	0	1	-	4	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

FLORIDA (continued)

Table 8. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]

CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
051. Southwest Florida							
TSP	1	0	0	3	0	0	0
SO_2 Daily	1	0	0	1	0	0	0
Hourly	0	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	1	-	0	-
052. West Central Florida							
TSP	11	3	3	15	0	1	0
SO_2 Daily	8	3	3	14	1	0	0
Hourly	3	0	0	0	0	2	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

FLORIDA

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Jacksonville	X	X			
Lakeland-Winter Haven	X	X			
Tampa-St. Petersburg	X	X		X	

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	None required.
Emission limitations	1. Revisions to SO_2 emission limits from fossil fuel-fired steam generators were proposed 8/15/75. 2. Revisions to SO_2 emission limits from sulfur recovery plants and sulfuric acid plants were proposed 3/27/75. 3. State plan is in effect for other pollutants.

FLORIDA

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	221	3971
Actual resources available FY 75	137	2251

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	125
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	60
3. Coal-fired industrial boilers, 10-100 million Btu/hr	0
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	99
5. Residual oil-fired boilers, 10-100 million Btu/hr	89
6. Coal-fired boilers less than 10 million Btu/hr	4
7. Small and miscellaneous boilers	622
8. Chemical manufacture	216
9. Food and agricultural	148
10. Iron and steel industry	8
11. Primary non-ferrous metallurgy	3
12. Secondary metallurgy	23
13. Portland cement manufacture	27
14. Stone quarrying	1
15. Other mineral products	565
16. Petroleum processing	12
17. Wood products	173
18. Other industry	497
19. Petroleum storage	16
20. Other evaporative HC sources	66
21. Open-burning dumps	0
22. Industrial incineration	70
23. Other incineration	418
Total	3,242

[a] Data available from National Emissions Data System as of August 30, 1975.

FLORIDA

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	493	440	49	4
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)	5	3	2	
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries				
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces	5	5		
e. Basic oxygen furnaces				
f. Blast furnaces				

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	216
2. Field investigations	1,437
TOTAL	1,653

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	231
2. Administrative orders issued	4
3. Civil/criminal proceedings initiated	5
TOTAL	240

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Florida Bradley	Brewster Phosphate Co. Rock Crushing	Violation of Federally approved compliance schedule for particulate emission std.	Notice of violation issued 8/26/74. Enforcement order issued 10/9/74.	On schedule.
Florida Chattahoochee	Gulf Power Co. Power plant	Violation of particulate and sulfur oxide stds.	Notice of violation issued 8/30/74. Admin. order issued 2/5/75.	On schedule
Florida Palatka	Hudson Pulp & Paper Co. Pulp and Paper Plant	Source missed 1st increment of State adopted federally approved compliance schedule for sulfur oxide and particulate matter.	Notice of violation issued 12/20/73. Admin. order issued 1/21/74.	Admin. order is being amended.
Florida, Bartow	W. R. Grace Sulfuric acid plants and phosphate rock dryers.	Violation of particulate and sulfur oxide emission stds.	Notice of violation issued 6/11/74. Admin. order issued 9/6/74.	On schedule
Florida, Bartow	Swift Chemical Co. Rock dryers	Violation of particulate emission std.	Notice of violation issued 9/13/74. Admin. 1/12/75.	On schedule
Florida, Bartow	U.S.S. Agrichemical Co. Rock Dryers	Violates particulate std.	Notice of violation issued 8/26/74. Order 12/2/74.	On schedule

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Florida, Bartow	CF Chem. Ind. Sulfur Acid Plant	Violation of sulfur oxide std.	NOV issued 6/19/75.	Order being prepared.
Florida, Bartow	Farmland Ind. Sulfur Acid Plant	Violation of sulfur	NOV issued 6/11/75.	Order being prepared.
Florida, Brooksville	Chem. Lime, Inc. CaO hydrator, Kiln	Violation of part. std.	NOV issued 6/19/75.	Order being prepared.
Florida, Chattahoochee	Florida State Hosp. Industrial boiler	Violation of particulate emission std.	Notice of violation issued 8/27/74. Admin. order 2/12/75.	On schedule
Florida, Ft. Meade	Gardinier Inc. Phosphate rock dryers	Violation of particulate and stds.	Notice of violation issued 6/11/74. Admin. order for particulate issued 9/6/74.	Amendment is being prepared to order.
Florida, Ft. Meade	U.S.S. Agrichemical Co. Rock Dryers	Violates particulate std.	Notice of violation issued 8/26/74. Order 12/2/74.	On schedule
Florida, Gibsonton	Gardinier, Inc. Sulfuric Acid Plants	Violation of sulful oxides req.	Notice of violation issued 6/11/74. Admin. order issued 1/27/75.	

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Florida, Pierce	Agrico. Chemical Co. Rockdryers	Violated particulate std.	Notice of violation issued 12/4/74. Order amended 6/30/75.	
Florida, Piney Point	Borden Chemical Sulfuric Acid Plant	Violation of sulfur oxide std.	NOV issued 6/19/75.	Order being prepared.
Florida, Tampa	Tampa Electric Co. Power Plant	Violation of particulate and sulfur oxide emissions limitations.	Notice of violation issued 8/23/74. Admin. order 5/12/75.	Amendment pending review of SO2 req. revision.
Florida, Tampa	Kaiser Agricultural Chem. Nitric Acid Plant	Violation of nitrogen oxide std.	NOV issued 6/19/75.	Order being prepared.
Florida, White Springs	Occidental Chemical Co.	Violation of sulfur oxide std.	Notice of violation issued 8/26/74. Admin. order issued 1/10/75.	Order amended 5/9/75

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Florida, Jay Oil Field	Exxon Louisiana Land Corp. Refinery	Violation of sulfur oxide emission std.	Notice of violation issued 9/13/74. Order 2/12/75.	Order amended 4/25/75.
Florida, Lakeland	Borden Chemical Co. Rock dryers	Violation of particulate std.	Notice of violation issued 8/30/74. Admin. order 1/2/75.	On schedule.
Florida, Lynnhaven	Gulf Power Co. Power plant	Violation of particulate and sulfur oxide stds.	Notice of violation issued 8/30/74. Admin. order issued 2/5/75.	On schedule
Florida, Nichols	Mobil Chem. Co. Phosphate rock dryers	Violation of Fla. PM req.	Notice of violation issued 6/11/74. Admin. order issued 9/6/74.	On schedule
Florida, Pensacola	Gulf Power Co. Power Plant	Violation of particulate and sulfur oxide stds.	Notice of violation issued 8/30/74. Admin. Admin. order 2/5/75.	On schedule

GEORGIA

Table A. ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*002. Columbus-Phenix City Interstate (Alabama)	TSP SO_2		
*049. Jacksonville-Brunswick Interstate (Florida)	TSP[b] SO_2		
*053. Augusta-Aiken Interstate (South Carolina)	TSP SO_2		
054. Central Georgia	TSP SO_2		
*055. Chattanooga Interstate (Tennessee)	TSP[b] SO_2		
056. Metropolitan Atlanta	SO_2		TSP
057. Northeast Georgia	TSP SO_2		
*058. Savannah-Beaufort Interstate (S.C.)	SO_2		TSP[b]
059. Southwest Georgia	TSP SO_2		

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

GEORGIA

Table B. AIR QUALITY MONITORING ACTIVITY
REPORTED TO SAROAD[a]
CY 1972-74

		No. monitors reporting					
		1972		1973		1974	
AQCR/Pollutant	No. monitors proposed in SIP for 1974	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*002. Columbus-Phenix City (Ala.)							
TSP	2	2	1	2	2	4	1
SO_2							
Daily	2	1	1	1	1	0	0
Hourly	0	0	0	0	0	3	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*049. Jacksonville-Brunswick (Fla.)--							
TSP	4	2	0	2	1	5	2
SO_2							
Daily	2	1	0	1	1	0	1
Hourly	0	0	0	0	0	2	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*053. Augusta-Aiken (S.C.)							
TSP	4	2	0	2	2	6	2
SO_2							
Daily	2	2	0	2	2	1	2
Hourly	1	0	0	0	0	4	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
054*. Central Georgia							
TSP	7	5	0	5	4	7	5
SO_2							
Daily	5	2	0	2	2	2	5
Hourly	2	0	0	0	0	5	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

GEORGIA (continued)

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*055. Chattanooga (Tenn.)							
TSP	4	2	0	2	2	5	2
SO_2							
Daily	3	2	0	2	2	0	2
Hourly	0	0	0	0	0	3	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
056. Metropolitan Atlanta							
TSP	21	10	1	22	4	24	21
SO_2							
Daily	8	1	1	10	1	5	9
Hourly	5	2	0	5	0	11	1
CO	3	2	-	2	-	2	-
O_x	1	0	-	1	-	2	-
057. Northeast Georgia							
TSP	3	1	0	1	0	2	1
SO_2							
Daily	1	0	0	0	0	0	0
Hourly	0	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*058. Savannah-Beaufort (S.C.)							
TSP	6	5	1	11	1	8	5
SO_2							
Daily	4	2	1	6	0	2	4
Hourly	2	0	0	1	0	4	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

GEORGIA (continued)

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]

CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
059. Southwest Georgia							
TSP	5	2	0	2	2	5	2
SO_2							
Daily	2	2	0	2	1	1	2
Hourly	1	0	0	0	0	3	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

GEORGIA

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Albany	X				
Atlanta	X				
Chattanooga Interstate (Georgia portion)	X				
Savannah	X				

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	None required.
Emission limitations	1. Cancellation of NO_2 emission limits from nitric acid plants was promulgated May 19, 1975. 2. State plan in effect for other pollutants. 3. On July 9, 1975, SO_2 limitations were proposed for Plant Atkinson, and TSP limits based on stack height were deleted.

GEORGIA

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	96	1627
Actual resources available FY 75	93	1598

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	39
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	49
3. Coal-fired industrial boilers, 10-100 million Btu/hr	18
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	36
5. Residual oil-fired boilers, 10-100 million Btu/hr	107
6. Coal-fired boilers less than 10 million Btu/hr	4
7. Small and miscellaneous boilers	260
8. Chemical manufacture	76
9. Food and agricultural	473
10. Iron and steel industry	5
11. Primary non-ferrous metallurgy	3
12. Secondary metallurgy	30
13. Portland cement manufacture	10
14. Stone quarrying	199
15. Other mineral products	422
16. Petroleum processing	2
17. Wood products	78
18. Other industry	314
19. Petroleum storage	1
20. Other evaporative HC sources	9
21. Open-burning dumps	2
22. Industrial incineration	4
23. Other incineration	81
Total	2,222

[a] Data available from National Emissions Data System as of August 30, 1975.

GEORGIA

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules: In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	243	230	13	0
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)	11	11		
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries				
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces	2	2		
e. Basic oxygen furnaces				
f. Blast furnaces				

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	153
2. Field investigations	1,412
TOTAL	1,565

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	38
2. Administrative orders issued	4
3. Civil/criminal proceedings initiated	3
TOTAL	45

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Georgia, Atlanta	Atlantic Steel Co. Steel Mfg.	SIP PM violation	NOV 2/13/75 Admin. Order 4/17/75.	On schedule
Georgia, Augusta	Peachtree Generating Co. Power Plant	SIP PM violation	NOV 3/18/75	
Georgia, Cartersville	Chemical Products Corporation Chem. Co.'	SIP PM violation	NOV 3/18/75 Admin. Order 5/20/75.	On schedule.
Georgia, Rockmant	Marquette Cement Corporation Cement Plant	PM SIP violation	NOV 3/10/75 Order issued 6/16/75.	On schedule.
Georgia, Savannah	Union Camp Corp. Paper Mill	PM SIP violation	NOV 3/18/75 Order issued 6/19/75.	On schedule.

KENTUCKY

Table A . ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*072. Paducah-Cairo Interstate (Ill.)	TSP	SO_2[b]-Power plant	
*077. Evansville-Owensboro-Henderson Interstate (Ind.)			TSP[b] SO_2[b]
*078. Louisville Interstate (Ind.)		SO_2 -Power plant	TSP[b]
*079. Metropolitan Cincinnati Interstate (Ind.,Ohio)	SO_2[b]	TSP	
101. Appalachian	SO_2	TSP	
102. Bluegrass	TSP SO_2		
*103. Huntington-Ashland-Portsmouth-Ironton Interstate (Ohio, W.Va.)	SO_2[b]	TSP[b]	
104. North Central Kentucky	TSP SO_2		
105. South Central Kentucky	TSP SO_2		

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

KENTUCKY

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]

CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*072. Paducah-Cairo (Ill.)							
TSP	27	16	9	19	12	18	18
SO_2 Daily	25	20	10	21	12	4	18
Hourly	2	1	0	5	0	18	0
CO	1	1	-	1	-	1	-
O_x	1	0	-	1	-	1	-
*077. Evansville-Owensboro-Henderson (Ind.)							
TSP	22	14	12	20	16	15	15
SO_2 Daily	18	16	10	21	12	2	15
Hourly	9	1	0	9	5	15	1
CO	2	1	-	1	-	1	-
O_x	2	0	-	0	-	1	-
*078. Louisville (Ind.)							
TSP	16	19	9	18	9	15	12
SO_2 Daily	13	19	0	18	10	7	12
Hourly	6	6	1	7	3	17	5
CO	5	3	-	4	-	6	-
O_x	3	2	-	2	-	2	-
*079. Metropolitan Cincinnati (Ind., Ohio)							
TSP	15	15	12	16	13	16	13
SO_2 Daily	14	19	6	20	10	1	13
Hourly	1	1	0	1	1	16	0
CO	1	0	-	0	-	0	-
O_x	1	1	-	1	-	1	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]
CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
101. Appalachian							
TSP	16	4	3	5	3	6	2
SO$_2$							
Daily	14	4	0	5	3	0	2
Hourly	1	0	0	0	0	6	0
CO	1	0	-	0	-	0	-
O$_x$	1	0	-	0	-	0	-
102. Bluegrass							
TSP	20	8	4	15	9	18	9
SO$_2$							
Daily	20	4	2	11	5	4	9
Hourly	1	0	0	2	0	14	0
CO	1	0	-	0	-	2	-
O$_x$	1	0	-	1	-	3	-
*103. Huntington-Ashland-Portsmouth - Ironton (Ohio, W. Va.)							
TSP	16	11	7	14	7	13	12
SO$_2$							
Daily	15	10	6	13	4	1	12
Hourly	1	1	0	1	0	12	1
CO	1	1	-	1	-	1	-
O$_x$	1	0	-	1	-	1	-
104. North Central Kentucky							
TSP	17	1	1	7	1	7	7
SO$_2$							
Daily	16	1	1	7	1	0	7
Hourly	1	0	0	0	0	7	0
CO	1	0	-	0	-	0	-
O$_x$	1	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O$_x$.

KENTUCKY (continued)

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]

CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
105. South Central Kentucky							
TSP	16	3	3	8	0	7	6
SO_2							
Daily	15	3	1	7	1	0	6
Hourly	1	0	0	0	0	7	0
CO	1	0	-	0	-	0	-
O_x	1	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

KENTUCKY

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Cincinnati Interstate (Kentucky portion)	X			X (in part of AQMA)	
Evansville Interstate (Kentucky portion)	X				
Louisville Interstate (Kentucky portion)	X	X			

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	None required.
Emission limitations	State plan is approved for all pollutants.

KENTUCKY

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	176	3143
Actual resources available FY 75	167	2461

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	57
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	57
3. Coal-fired industrial boilers, 10-100 million Btu/hr	56
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	47
5. Residual oil-fired boilers, 10-100 million Btu/hr	130
6. Coal-fired boilers less than 10 million Btu/hr	28
7. Small and miscellaneous boilers	402
8. Chemical manufacture	283
9. Food and agricultural	421
10. Iron and steel industry	43
11. Primary non-ferrous metallurgy	3
12. Secondary metallurgy	202
13. Portland cement manufacture	0
14. Stone quarrying	114
15. Other mineral products	384
16. Petroleum processing	80
17. Wood products	221
18. Other industry	379
19. Petroleum storage	222
20. Other evaporative HC sources	290
21. Open-burning dumps	0
22. Industrial incineration	47
23. Other incineration	9
Total	3,475

[a] Data available from National Emissions Data System as of August 30, 1975.

KENTUCKY

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	902	692	165	45
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)	19	15	4	
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries	2	2		
b. Sinter lines	1		1	
c. Open hearth furnaces				
d. Electric arc furnaces	8		8	
e. Basic oxygen furnaces	2	2		
f. Blast furnaces	2	2		

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries................................	223
2. Field investigations....................................	3,081
TOTAL	3,304

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations [illegible] violation issued....................	239
2. Administrative orders issued.............................	0
3. Civil/criminal proceedings initiated....................	126
TOTAL	365

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Kentucky, Ashland	Allied Chem. Corp. Coke Plant	Violation of particulate emission std.	NOV issued 9/20/74 order issued 2/12/74.	Currently in violation of increment #5 on batteries 3 & 4 charging operations.
Kentucky, Louisville	American Standard Foundry	Violation of particulate emission standard.	NOV issued 6/20/75.	E.O. issued 7/23/75.
Kentucky, Louisville	City of Louis Incinerator	Violation of particulate emission standard.	NOV issued 6/20/75.	E.O. Pending
Kentucky, Louisville	Falls City Brewing Co. Beer Indust.	Violation of particulate emissions std.	NOV issued 6/20/75.	
Kentucky, Louisville	Fawcett Printing Magazine pub.	Violation of HC emission std.	NOV issued 6/20/75.	
Kentucky, Louisville	Lorillard Cigarette Mfg.	Violation of particulate emission std.	NOV issued 6/20/75.	
Kentucky, Louisville	Anderson Wood Products	Violation of particulate emission std.	NOV issued 6/20/75.	
Kentucky, Louisville	BF Goodrich Chemical Co. Powerhouse	Violation of particulate emission std.	NOV issued 6/20/75.	

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Kentucky, Louisville	International Harvester	Violation of particulate emission std.	NOV issued 6/20/75.	
Kentucky, Louisville	Henry Vogt Machine Co.	Violation of particulate emission std.	NOV issued 6/20/75.	
Kentucky, Paducah	TVA-Shawnee Sta. Power Plant	Violation of particulate emission std.	Notice of violation issued 9/16/74. Owner 12/9/74.	Region considering further enforcement action.
Kentucky, Paradise	TVA-Paradise Sta. Power Plant	Violation of particulate emission std.	Notice of violation issued 9/16/74 Order 12/9/74	Currently in violation of increment #1 on 10 units.

Table A . ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*005. Mobile-Pensacola-Panama City-Southern Mississippi Interstate (Ala., Fla.)	TSP[b] SO_2		
*018. Metropolitan Memphis Interstate (Ark., Tenn.)	TSP[b] SO_2		
134. Mississippi Delta	TSP SO_2		
135. Northeast Mississippi	TSP SO_2		

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

MISSISSIPPI

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]

CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*005. Mobile-Pensacola-Panama City-Southern Mississippi (Ala., Fla.)							
TSP	19	1	1	20	1	21	16
SO_2 Daily	13	2	0	15	2	3	11
Hourly	3	0	0	2	0	16	1
CO	0	0	-	0	-	0	-
O_x	2	0	-	2	-	0	-
*018. Metropolitan Memphis (Ark., Tenn.)							
TSP	1	0	0	1	0	1	1
SO_2 Daily	0	0	0	0	0	1	0
Hourly	1	0	0	1	0	0	1
CO	0	0	-	0	-	0	-
O_x	1	0	-	1	-	0	-
134. Mississippi Delta							
TSP	3	0	0	2	0	3	1
SO_2 Daily	1	0	0	0	0	0	0
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
135. Northeast Mississippi							
TSP	6	0	0	6	0	7	5
SO_2 Daily	1	0	0	1	0	0	1
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

MISSISSIPPI

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

None

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	None required.
Emission limitations	State plan is approved for all pollutants.

MISSISSIPPI

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	73	1220
Actual resources available FY 75	50	623

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	13
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	13
3. Coal-fired industrial boilers, 10-100 million Btu/hr	2
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	62
5. Residual oil-fired boilers, 10-100 million Btu/hr	30
6. Coal-fired boilers less than 10 million Btu/hr	1
7. Small and miscellaneous boilers	309
8. Chemical manufacture	178
9. Food and agricultural	2,193
10. Iron and steel industry	9
11. Primary non-ferrous metallurgy	11
12. Secondary metallurgy	30
13. Portland cement manufacture	12
14. Stone quarrying	11
15. Other mineral products	354
16. Petroleum processing	68
17. Wood products	417
18. Other industry	348
19. Petroleum storage	100
20. Other evaporative HC sources	94
21. Open-burning dumps	0
22. Industrial incineration	489
23. Other incineration	155
Total	4,899

[a] Data available from National Emissions Data System as of August 30, 1975.

MISSISSIPPI

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	411	339	5	67
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)	3	3		
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries				
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces	3		3	
e. Basic oxygen furnaces				
f. Blast furnaces				

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries..................................	330
2. Field investigations......................................	105
TOTAL	435

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued....................	29
2. Administrative orders issued.............................	8
3. Civil/criminal proceedings initiated.....................	1
TOTAL	38

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Mississippi, Jackson	Cook Construction Co.	Violation of particulate emission std.	Notice of violation issued 11/29/74.	Recent source tests indicate marginal compliance; will monitor source.
Mississippi, Moss Point	International Paper Co.	Violation of particulate req.	Notice of violation issued 9/24/74. Order issued 1/23/75.	Equipment delays will require 4 additional months to achieve compliance.
Mississippi, Natchez	International Paper Co. Pulp & Paper Mill	Violation of particulate emission std.	Notice of violation issued 9/24/74. Order 1/23/75.	On Schedule.
Mississippi, Purvis	Amerada Hess Corp. Refinery	SIP violation for PM	NOV	Order pending State action.
Mississippi, Yazoo City	Miss. Chem. Corp. Fertilizer Plant	Violation of particulate emission stds.	NOV issued 6/14/75.	Will Achieve Comp.

NORTH CAROLINA

Table A . ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
136. Northern Piedmont	SO_2		TSP
165. Eastern Mountain	TSP SO_2		
166. Eastern Piedmont	TSP SO_2		
*167. Metropolitan Charlotte Interstate (S.C.)	SO_2		TSP[b]
168. Northern Coastal Plain	TSP SO_2		
169. Sandhills	TSP SO_2		
170. Southern Coastal Plain	TSP SO_2		
171. Western Mountain	SO_2		TSP

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

NORTH CAROLINA

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]

CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
136. Northern Piedmont							
TSP	24	29	20	27	1	26	24
SO_2 Daily	24	24	15	23	1	0	19
Hourly	0	0	0	0	0	22	0
CO	1	0	-	0	-	0	-
O_x	1	1	-	0	-	0	-
165. Eastern Mountain							
TSP	27	29	13	27	0	23	16
SO_2 Daily	18	22	1	20	0	0	11
Hourly	0	0	0	0	0	18	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
166. Eastern Piedmont							
TSP	15	16	13	17	1	15	13
SO_2 Daily	15	16	3	17	1	0	13
Hourly	0	0	0	0	0	15	0
CO	1	0	-	0	-	0	-
O_x	1	0	-	0	-	0	-
*167. Metropolitan Charlotte (S.C.)							
TSP	39	44	19	39	1	40	30
SO_2 Daily	25	29	8	28	0	1	22
Hourly	0	0	0	1	0	28	0
CO	2	1	-	1	-	1	-
O_x	1	0	-	2	-	1	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

NORTH CAROLINA (continued)

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
168. Northern Coastal Plain							
TSP	13	14	8	11	0	11	11
SO$_2$ Daily	13	14	2	12	1	0	11
Hourly	0	0	0	0	0	11	0
CO	0	0	-	0	-	0	-
O$_x$	1	0	-	0	-	0	-
169. Sandhills							
TSP	8	8	6	9	0	8	8
SO$_2$ Daily	7	7	5	8	0	7	7
Hourly	0	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O$_x$	0	0	-	0	-	0	-
170. Southern Coastal Plain							
TSP	16	17	14	14	0	15	13
SO$_2$ Daily	15	16	7	13	0	0	12
Hourly	0	0	0	0	0	14	0
CO	0	0	-	0	-	0	-
O$_x$	0	0	-	0	-	0	-
171. Western Mountain							
TSP	23	26	7	24	0	19	14
SO$_2$ Daily	14	16	1	12	0	0	11
Hourly	0	1	0	0	0	13	0
CO	0	1	-	1	-	0	-
O$_x$	1	1	-	1	-	1	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O$_x$.

NORTH CAROLINA

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Charlotte	X				
Greensboro	X				
Winston-Salem	X				

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	None required.
Emission limitations	State plan is approved for all pollutants.

NORTH CAROLINA

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	215	3454
Actual resources available FY 75	149	2293

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	73
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	97
3. Coal-fired industrial boilers, 10-100 million Btu/hr	72
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	154
5. Residual oil-fired boilers, 10-100 million Btu/hr	328
6. Coal-fired boilers less than 10 million Btu/hr	52
7. Small and miscellaneous boilers	542
8. Chemical manufacture	177
9. Food and agricultural	838
10. Iron and steel industry	10
11. Primary non-ferrous metallurgy	15
12. Secondary metallurgy	51
13. Portland cement manufacture	6
14. Stone quarrying	150
15. Other mineral products	496
16. Petroleum processing	4
17. Wood products	353
18. Other industry	600
19. Petroleum storage	97
20. Other evaporative HC sources	122
21. Open-burning dumps	3
22. Industrial incineration	137
23. Other incineration	44
Total	4,421

[a] Data available from National Emissions Data System as of August 30, 1975.

NORTH CAROLINA

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	863	835	24	4
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)	12	12		
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP) a. Coke batteries b. Sinter lines c. Open hearth furnaces d. Electric arc furnaces e. Basic oxygen furnaces f. Blast furnaces	4	2	2	

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	787
2. Field investigations	2,168
TOTAL	2,955

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	85
2. Administrative orders issued	13
3. Civil/criminal proceedings initiated	21
TOTAL	119

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

NO ACTIONS TAKEN

SOUTH CAROLINA

Table A . ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*053. Augusta-Aiken Interstate (Georgia)	TSP SO_2		
*058. Savannah-Beaufort Interstate (Georgia)	TSP[b] SO_2		
*167. Metropolitan Charlotte Interstate (N.C.)	TSP[b] SO_2		
198. Camden-Sumter	TSP SO_2		
199. Charleston	SO_2	TSP	
200. Columbia	TSP SO_2		
201. Florence	TSP SO_2		
202. Greenville-Spartanburg	TSP SO_2		
203. Greenwood	TSP SO_2		
204. Georgetown	SO_2		TSP

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

SOUTH CAROLINA

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD^a CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data^b	Valid annual average^c	Minimum data^b	Valid annual average^c	Minimum data^b	Valid annual average^c
* 053. Augusta-Aiken (Ga.)							
TSP	5	5	2	5	4	5	5
SO_2 Daily	3	4	1	4	4	1	4
Hourly	1	1	0	1	0	4	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*058. Savannah-Beaufort (Ga.)							
TSP	5	3	3	4	3	4	4
SO_2 Daily	3	2	0	3	2	2	3
Hourly	0	0	0	0	0	3	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*167. Metropolitan Charlotte (N.C.)							
TSP	6	7	5	7	5	7	5
SO_2 Daily	4	4	4	6	3	1	4
Hourly	1	1	0	1	0	6	0
CO	0	0	-	1	-	1	-
O_x	1	0	-	1	-	1	-
198. Camden-Sumter							
TSP	4	4	3	4	4	5	4
SO_2 Daily	2	2	1	2	2	2	3
Hourly	0	0	0	0	0	3	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

SOUTH CAROLINA (continued)

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]

CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
199. Charleston							
TSP	12	16	5	11	4	12	2
SO_2 Daily	4	5	0	8	2	4	2
Hourly	2	1	0	3	1	11	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
200. Columbia							
TSP	12	12	10	13	9	16	4
SO_2 Daily	6	7	6	8	6	1	4
Hourly	1	0	0	1	0	8	1
CO	0	0	-	0	-	0	-
O_x	0	0	-	1	-	1	-
201. Florence							
TSP	3	3	0	3	3	3	3
SO_2 Daily	2	1	0	1	1	1	1
Hourly	0	0	0	1	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
202. Greenville-Spartanburg							
TSP	15	15	13	26	11	42	3
SO_2 Daily	11	9	4	17	7	2	2
Hourly	1	0	0	1	0	28	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

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* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

SOUTH CAROLINA (continued)

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
203. Greenwood							
TSP	3	2	1	2	1	2	2
SO_2							
Daily	2	2	0	2	1	2	2
Hourly	0	0	0	0	0	2	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
204. Georgetown							
TSP	3	8	3	4	3	6	3
SO_2							
Daily	2	2	0	2	2	1	2
Hourly	0	1	0	0	0	3	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

*.= Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

SOUTH CAROLINA

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Charleston	X				
Greenville	X				

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	None required.
Emission limitations	State plan is approved for all pollutants.

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	119	2037
Actual resources available FY 75	72	1028

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	63
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	70
3. Coal-fired industrial boilers, 10-100 million Btu/hr	42
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	52
5. Residual oil-fired boilers, 10-100 million Btu/hr	285
6. Coal-fired boilers less than 10 million Btu/hr	12
7. Small and miscellaneous boilers	511
8. Chemical manufacture	58
9. Food and agricultural	24
10. Iron and steel industry	4
11. Primary non-ferrous metallurgy	0
12. Secondary metallurgy	32
13. Portland cement manufacture	11
14. Stone quarrying	93
15. Other mineral products	153
16. Petroleum processing	0
17. Wood products	67
18. Other industry	196
19. Petroleum storage	16
20. Other evaporative HC sources	30
21. Open-burning dumps	0
22. Industrial incineration	49
23. Other incineration	18
Total	1786

[a] Data available from National Emissions Data System as of August 30, 1975.

SOUTH CAROLINA

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	249	247	2	
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)	8	8		
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries b. Sinter lines c. Open hearth furnaces d. Electric arc furnaces e. Basic oxygen furnaces f. Blast furnaces	6	6		

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	0
2. Field investigations	585
TOTAL	585

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	39
2. Administrative orders issued	0
3. Civil/criminal proceedings initiated	0
TOTAL	39

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
South Carolina, Huntsville	Sonoco Products Co. Mfg. Plant	SIP PM violation	NOV 4/16/75	

TENNESSEE

Table A. ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*007. Tennessee River Valley-Cumberland Mountains Interstate (Ala.)	TSP[b] SO_2[b]		
*018. Metropolitan Memphis Interstate (Ark., Miss.)	TSP[b] SO_2		
*055. Chattanooga Interstate (Georgia)	SO_2	TSP[b]	
*207. Eastern Tennessee-Southwestern Virginia Interstate (Va.)		SO_2[b]-Power plant	TSP[b] Point sources
208. Middle Tennessee		TSP SO_2 -Power plant	
209. Western Tennessee	TSP	SO_2 -Power plant	

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

TENNESSEE

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*007. Tennessee River Valley-Cumberland Mts. (Ala.)							
TSP	7	8	0	8	0	7	0
SO_2 Daily	2	1	0	3	0	2	0
Hourly	1	0	0	1	0	2	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*018. Metropolitan Memphis (Ark.,Miss.)							
TSP	12	12	11	15	3	12	0
SO_2 Daily	9	4	1	6	0	0	0
Hourly	0	0	0	2	0	6	0
CO	2	1	-	3	-	2	-
O_x	2	2	-	3	-	2	-
*055. Chattanooga (Ga.)							
TSP	10	11	7	13	0	11	0
SO_2 Daily	2	4	1	12	0	0	0
Hourly	1	0	0	0	0	14	0
CO	1	0	-	0	-	0	-
O_x	1	0	-	0	-	0	-
*207. Eastern Tennessee-Southwestern Virginia (Va.)							
TSP	29	32	7	40	5	30	0
SO_2 Daily	12	9	1	12	0	4	0
Hourly	2	1	0	18	0	14	0
CO	1	0	-	0	-	0	-
O_x	1	1	-	2	-	3	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

TENNESSEE (continued)

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
208. Middle Tennessee							
TSP	30	31	11	44	9	30	0
SO_2 Daily	19	18	16	22	1	4	0
Hourly	2	0	0	9	2	20	1
CO	1	1	-	2	-	2	-
O_x	3	1	-	4	-	4	-
209. Western Tennessee							
TSP	8	8	0	10	1	9	0
SO_2 Daily	1	0	0	0	0	0	0
Hourly	0	0	0	2	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

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* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

TENNESSEE

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Chattanooga Interstate (Tennessee portion)	X				
Nashville	X				

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	None required.
Emission limitations	State plan is approved for all pollutants.

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	191	3193
Actual resources available FY 75	146	2308

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	45
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	95
3. Coal-fired industrial boilers, 10-100 million Btu/hr	42
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	92
5. Residual oil-fired boilers, 10-100 million Btu/hr	116
6. Coal-fired boilers less than 10 million Btu/hr	50
7. Small and miscellaneous boilers	489
8. Chemical manufacture	495
9. Food and agricultural	181
10. Iron and steel industry	37
11. Primary non-ferrous metallurgy	96
12. Secondary metallurgy	122
13. Portland cement manufacture	41
14. Stone quarrying	471
15. Other mineral products	317
16. Petroleum processing	25
17. Wood products	196
18. Other industry	325
19. Petroleum storage	451
20. Other evaporative HC sources	134
21. Open-burning dumps	1
22. Industrial incineration	110
23. Other incineration	63
Total	3994

[a] Data available from National Emissions Data System as of August 30, 1975.

TENNESSEE

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	607	517	74	14
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)	8	2	6	
2. NON-FERROUS SMELTERS (SO_2)	1	1		
3. STEEL PROCESSES (TSP)				
a. Coke batteries	2	2		
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces	3	3		
e. Basic oxygen furnaces				
f. Blast furnaces				

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	217
2. Field investigations	3,051
TOTAL	3,268

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	192
2. Administrative orders issued	112
3. Civil/criminal proceedings initiated	4
TOTAL	308

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Tennessee Oak Ridge	TVA-Bull Run Sta. Power Plant	Violation of particulate emission std.	Notice of violation issued 9/12/74. Admin. Order issued 12/4/74.	
Tennessee, Columbia	Monsanto Industries Chem. Co. Rotary kilns	Violation of sulfur oxide emission stds.	Notice of violation issued 4/20/74.	
Tennessee, Copper Hill	Cities Service Copper Smelter	SO2 & PM violation	NOV issued 4/15/75. Admin. order 5/23/75.	
Tennessee, Gallatin	TVA-Gallatin Sta. Power Plant	Violation of particulate emission std.	Notice of violation issued 12/4/74.	9/12/74 Order
Tennessee, Kingston	TVA-Kingston Sta. Power Plant	Violation of particulate emission std.	Notice of violation issued 12/4/74.	9/12/74, Order
Tennessee, Kingsport	Mead Paper Co. Boilers	PM SIP violation	NOV - 8/23/74 A.O. 4/24/75.	
Tennessee, Mount Pleasant	Stauffer Chem. Co. Chemical Plant	SO2 SIP violation.	NOV issued 3/18/75.	

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Tennessee, Old Hickory	E.I. DuPont Chemical Plant	SO_2 & PM violation.	NOV issued 2/25/74. A. O. issued 6/2/75.	
Tennessee, Waverly	TVA-Johnston Sta. Power Plant	Violation of particulate emission std.	Notice of violation issued 12/4/74.	9/12/74 Order

EPA REGION V

ILLINOIS
INDIANA
MICHIGAN
MINNESOTA
OHIO
WISCONSIN

ILLINOIS

Table A. ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*065. Burlington-Keokuk Interstate (Iowa)		TSP Fugitive dust area SO_2^b-Power plant	
066. East Central Illinois	TSP SO_2		
*067. Metropolitan Chicago Interstate (Ind.)		TSP SO_2 -Power plant	
*068. Metropolitan Dubuque Interstate (Iowa, Wisc.)	TSP[b] SO_2		
*069. Metropolitan Quad Cities Interstate (Iowa)	SO_2		TSP[b]
*070. Metropolitan St. Louis Interstate (Mo.)		TSP SO_2 -Power plant	
071. North Central Illinois	TSP		SO_2 -Power plant
*072. Paducah-Cairo Interstate (Kentucky)	TSP		SO_2^b-Power plant

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

Table A. ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*073. Rockford-Janesville-Beloit Interstate (Wisconsin)	TSP[b]		SO_2[b] Compliance problem
074. Southeast Illinois		TSP	SO_2 -Power plant
075. West Central Illinois		TSP	SO_2 -Power plant

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

ILLINOIS

Table B. AIR QUALITY MONITORING ACTIVITY
REPORTED TO SAROAD[a]
CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*065. Burlington-Keokuk (Iowa)							
TSP	7	6	5	8	4	6	0
SO_2							
Daily	2	1	1	1	0	1	0
Hourly	2	1	0	1	1	5	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	1	-
066. East Central Illinois							
TSP	3	2	0	2	0	2	0
SO_2							
Daily	3	0	0	0	0	1	0
Hourly	1	0	0	1	1	2	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*067. Metropolitan Chicago (Ind.)							
TSP	73	85	73	89	74	88	0
SO_2							
Daily	29	36	35	40	34	20	0
Hourly	19	13	11	17	7	43	0
CO	11	5	-	11	-	10	-
O_x	9	2	-	3	-	6	-
*068. Metropolitan Dubuque (Iowa, Wisc.)							
TSP	1	0	0	1	0	1	0
SO_2							
Daily	1	0	0	0	0	0	0
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]
CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*069. Metropolitan Quad Cities (Iowa)							
TSP	4	6	3	8	4	9	0
SO_2 Daily	1	0	0	2	0	1	0
Hourly	1	0	0	0	0	2	0
CO	0	0	-	0	-	0	-
O_x	0	1	-	1	-	1	-
*070. Metropolitan St. Louis (Mo.)							
TSP	16	16	14	16	14	16	0
SO_2 Daily	2	0	0	0	0	5	0
Hourly	5	3	1	4	0	2	0
CO	4	1	-	1	-	4	-
O_x	2	0	-	0	-	1	-
071. North Central Illinois							
TSP	5	3	2	3	2	2	0
SO_2 Daily	3	0	0	1	0	1	0
Hourly	1	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*072. Paducah-Cairo (Ky.)							
TSP	1	0	0	2	1	1	0
SO_2 Daily	1	0	0	1	0	0	0
Hourly	0	0	0	1	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

ILLINOIS (continued)

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

		No. monitors reporting					
		1972		1973		1974	
AQCR/Pollutant	No. monitors proposed in SIP for 1974	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*073. Rockford-Janesville-Beloit (Wisc.)							
TSP	5	4	2	4	2	4	0
SO_2 Daily	1	1	0	1	0	1	0
Hourly	0	1	0	1	1	2	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
074. Southeast Illinois							
TSP	2	1	1	1	0	3	0
SO_2 Daily	1	0	0	1	0	1	0
Hourly	1	0	0	1	0	3	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
075. West Central Illinois							
TSP	8	8	5	8	4	7	1
SO_2 Daily	6	0	0	0	0	3	0
Hourly	2	1	0	3	0	2	0
CO	1	1	-	0	-	1	-
O_x	1	0	-	0	-	1	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

ILLINOIS

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Decatur	X				
Illinois-Indiana-Wisconsin Interstate (Illinois portion)	X	X	X	X	X
Peoria	X	X			
St. Louis Interstate (Illinois portion)	X	X		X	

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	1. City of Chicago has been inspecting vehicles under a voluntary program since June 1973. Enforcement orders were issued in August 1975 for a mandatory inspection/maintenance program to begin in March 1976 for cars coming into the Loop unless the City increases its voluntary program to 3000 cars/month by December 1975. Enforcement orders were also issued to Cook County in August 1975 for a mandatory I/M program to begin in March 1976 for cars coming into the Loop from Cook County. 2. A traffic management plan and parking prohibitions are being implemented in the Loop.
Emission limitations	Disapproval of CO control strategy in Metropolitan Chicago AQCR was published June 22, 1973.

ILLINOIS

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	623	13,668
Actual resources available FY 75	316	7,697

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	225
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	143
3. Coal-fired industrial boilers, 10-100 million Btu/hr	95
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	55
5. Residual oil-fired boilers, 10-100 million Btu/hr	180
6. Coal-fired boilers less than 10 million Btu/hr	22
7. Small and miscellaneous boilers	768
8. Chemical manufacture	133
9. Food and agricultural	248
10. Iron and steel industry	59
11. Primary non-ferrous metallurgy	18
12. Secondary metallurgy	208
13. Portland cement manufacture	6
14. Stone quarrying	225
15. Other mineral products	223
16. Petroleum processing	209
17. Wood products	15
18. Other industry	139
19. Petroleum storage	320
20. Other evaporative HC sources	157
21. Open-burning dumps	3
22. Industrial incineration	51
23. Other incineration	47
Total	3,549

[a] Data available from National Emissions Data System as of August 30, 1975.

ILLINOIS

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules: In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	540	467	58	15
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)	31	26	5	
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries	14	7	4	3
b. Sinter lines	4	1	1	2
c. Open hearth furnaces	4	4		
d. Electric arc furnaces	24	11		13
e. Basic oxygen furnaces	11	6	4	1
f. Blast furnaces	15	15		

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries.................................. no data
2. Field investigations....................................... 2,653

TOTAL 2,653+

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued.................... no data
2. Administrative orders issued............................. no data
3. Civil/criminal proceedings initiated..................... no data

TOTAL

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Illinois, Stickney	Incinerator, Inc.	Incinerator in violation of particulate matter std.	Notice of violation issued 5/13/75.	
Illinois, Thornton	Marblehead Lime Company Quarry	Violation of particulate std.	Notice of violation issued 3/19/74. Order issued 7/3/74.	On State schedule.
Illinois, Venice	Union Elec. Co. Venice Plant #2 Power Plant	Violation of particulate & sulfur oxides stds.	Notice of violation issued 10/23/74. Order issued 4/29/75.	Presently in compliance with terms of order.
Illinois, Wood River	AMOCO Refinery	Steam boilers, and process heaters in violation of sulfur dioxide std.	Notice of violation issued 1/29/75. Consent order issued 6/3/75.	In compliance with terms of order.
Illinois, Wood River Blue Island	Clark Oil and Refining Co. Refinery	Violation of sulfur oxides stds. and Fed. categorical sched.	Consent orders for both facilities issued 6/2/75.	Presently in compliance with terms of orders.
Illinois, Wood River	Clark Oil Co. Refinery Fluid Catalytic Cracking Unit	FCC unit violates particulate, hydrocarbon & carbon monoxide stds.	Notice of violation issued 10/24/74. Order issued 6/4/75.	In compliance with terms of order.
Illinois,	American Brick Co. Brick Kiln & Crusher	Violation of Ill. opacity and particulate emission stds.	Notice of violation issued 1/21/74.	State suit filed, no further Federal action at this time.

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Illinois, Morris	Reichhold Chems., Inc. Maleic Anhydride off gas stack	Violation of carbon monoxide stds.	Notice of violation issued 2/6/75.	In compliance with terms of State order.
Illinois, Pekin	Commonwealth Edison Powerton Station	Power plant in violation of sulfur oxides std.	Notice of violation issued 2/27/75.	
Illinois, Quincy	Celotex Corp. Industrial Boilers	Violation particulate stds. and Federal categorical compliance schedule.	Consent order issued 11/20/74.	Presently in compliance with terms of order.
Illinois, Skokie	Skokie, Village of Municipal Incinerator	Violation of particulate matter emissoion std.	Notice of violation issued 2/20/74. Consent order issued 4/2/74.	Presently in compliance.
Illinois, Sterling	Northwestern Steel & Wire Steel Mfg.	Electric arc furnaces violate particulate stds.	Notice of violation issued 8/2/74.	
Illinois, Stickney	Koppers Co., Inc. Phthalic Anhydride off gas stack	Violation of carbon monoxide std.	Notice of violation issued 2/6/75.	In compliance with terms of State order.

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Illinois, East Alton	Illinois Power Co. Wood River Generating Station Power Plant	Violation of sulfur oxides stds. and Federal categorical compliance schedule.	Notice of violation issued 9/3/74. Consent order issued 6/24/75.	Presently in compliance with terms of order.
Illinois, Elgin	Woodruff Edwards, Inc. Foundry	Cupola violates carbon monoxide stds.	Notice of violation issued 6/7/74.	Awaiting results of stack test.
Illinois, Elwood	Stepan Chem. Co. Phthalic Anhydride off gas stack	Violation of carbon monoxide std.	Notice of violation issued 2/6/75.	In compliance with terms of State order.
Illinois, Granite City	Granite City Steel Co. Coke ovens	Violation of particulate std. and federal compliance schedule for coke ovens.	Notice of violation issued 3/13/74. Order issued 6/26/75.	Presently in compliance with terms of order.
Illinois, Joliet	AMOCO Chem. Corp. Chem. Plant	Violation of carbon monoxide std.	Notice of violation issued 5/7/75.	
Illinois, Lawrenceville	Texaco Refinery Inc. Refinery	Violation of carbon monoxide and hydrocarbon stds.	Notice of violation issued 3/26/74. Order issued 7/3/74.	Presently in compliance with terms of order.

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Illinois, Chicago	International Harvester Co. Coke ovens	Violation of federal compliance schedule for coke oven quenching and pushing.	Notice of violation issued 11/29/73. Consent order issued 4/11/74.	In compliance with terms of order.
Illinois, Chicago	Republic Steel Corp. Chicago Works Steel Mfg.	Melt shop roof monitor, Elec. arc furnaces and violate particulate and visible emission stds.	Notice of violation issued 8/28/74. Consent order issued 1/15/75.	Presently in compliance with terms of order.
Illinois, Chicago	Republic Steel Corp. Chicago Works Steel Mfg.	Violation of federal compliance schedule for coke oven pushing and quenching.	Notice of violation issued 11/29/73. Order issued 4/11/74.	In compliance with terms of order.
Illinois, Chicago	Sheffield Foundry Company Foundry	Cupola violates particulates emission stds.	Notice of violation issued 10/24/74.	Now in compliance. No further Federal action.
Illinois, Chicago	U.S. Steel Corp. South Works Steel Mfg.	Violation of particulate emission stds.	Notice of violation issued 9/5/74.	State initiated enforcement proceeding before Illinois Pollution Control Board to require compliance and/or penalize for past non-compliance EPA will defer to State action at this time.
Illinois, East Peoria	Central Illinois Light Co. Wallace Station Power Plant	Violation of Federal compliance schedule for Illinois particulate and sulfur oxides stds.	Notice of violation issued 12/20/73. Consent order issued 1/10/75.	Presently in compliance with terms of order.

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Illinois, Bartonville	Central Illinois Light Co. Edward Station Power Plant	Violation of sulfur oxide std & Federal compliance schedule for Illinois sulfur oxide std.	Notice of violation issued 5/31/74. Consent order issued 1/10/75.	Presently in compliance with terms of order.
Illinois, Blue Island	Illinois Brick Company Brick Mfg.	Kilns violate particulate std.	Notice of violation issued 3/4/74.	Compliant filed before Illinois Pollution Control Board, further Federal action deferred pending State action.
Illinois, Cahokia	Union Elec. Co. Cahokia Plant Power Plant	Violation of particulates & sulfur oxides stds.	Notice of violation issued 10/23/74.	
Illinois, Chicago	City of Chicago, Cook County State of Illinois TCP	Violation of carbon monoxide std.	Notice of violation issued 4/17/75.	
Illinois, Chicago	City of Chicago Northwest and Southwest and Calumet Incinerators	Violation of visible emission particulate from incinerator and carbon monoxide stds.	Notice of violation issued 2/14/75. Consent order issued for Southwest Incinerator on 6/26/75.	Presently in compliance with terms of order.
Illinois, Chicago	Interlake, Inc. Coke ovens	Coke oven (pushing & quenching) Operations.	Notice of violation issued 8/16/74.	Negotiating with company on possible consent order.

INDIANA

Table A . ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*067. Metropolitan Chicago Interstate (Ill.)		TSP SO_2 -Power plant	
076. East Central Indiana	TSP SO_2		
*077. Evansville-Owensboro-Henderson Interstate (Kentucky)	TSP[b]	SO_2[b]-Power plant	
*078. Louisville Interstate (Kentucky)		TSP[b] SO_2 -Power plant	
*079. Metropolitan Cincinnati Interstate (Kentucky, Ohio)		TSP SO_2[b]-Power plant	
080. Metropolitan Indianapolis		TSP SO_2 -Power plant	
081. Northeast Indiana	TSP SO_2		
*082. South Bend-Elkhart-Benton Harbor Interstate (Mich.)	TSP[b] SO_2		

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

Table A. ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
083. Southern Indiana	TSP	SO_2 -Power plant	
084. Wabash Valley		TSP -Point source compliance problem SO_2 -Power plant	

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

INDIANA

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*067. Metropolitan Chicago (Ill.)							
TSP	29	32	20	36	19	34	24
SO_2							
Daily	25	28	18	30	18	3	20
Hourly	11	3	0	4	1	28	3
CO	3	0	-	0	-	0	-
O_x	3	0	-	1	-	0	-
076. East Central Indiana							
TSP	6	7	3	11	3	10	4
SO_2							
Daily	4	4	0	9	1	0	4
Hourly	0	0	0	0	0	6	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*077. Evansville-Owensboro-Henderson (Ky.)							
TSP	11	12	7	8	5	7	2
SO_2							
Daily	5	1	1	4	0	6	1
Hourly	4	1	0	1	1	7	2
CO	1	0	-	0	-	0	-
O_x	1	0	-	0	-	0	-
*078. Louisville (Ky.)							
TSP	6	3	0	3	0	2	2
SO_2							
Daily	5	1	1	3	0	0	2
Hourly	1	0	0	0	0	2	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

INDIANA (continued)
Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]
CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*079. Metropolitan Cincinnati (Ky.,Ohio)							
TSP	3	1	0	1	1	2	0
SO_2 Daily	3	0	0	1	0	0	0
Hourly	1	0	0	0	0	2	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
080. Metropolitan Indianapolis							
TSP	25	17	16	18	15	16	15
SO_2 Daily	18	12	11	12	10	4	1
Hourly	8	4	0	6	0	12	1
CO	2	1	-	1	-	0	-
O_x	2	1	-	1	-	6	-
081. Northeast Indiana							
TSP	4	2	1	2	0	2	0
SO_2 Daily	3	1	1	2	0	0	1
Hourly	1	0	0	0	0	2	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*082. South Bend-Elkhart-Benton Harbor (Mich.)							
TSP	17	18	10	15	8	15	11
SO_2 Daily	14	4	4	5	0	0	3
Hourly	3	0	0	0	0	7	0
CO	1	0	-	0	-	0	-
O_x	1	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

INDIANA (continued)

Table B. AIR QUALITY MONITORING ACTIVITY
REPORTED TO SAROAD[a]
CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
083. Southern Indiana							
TSP	8	4	2	4	2	4	3
SO_2							
Daily	5	2	0	4	1	0	3
Hourly	1	0	0	0	0	4	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
084. Wabash Valley							
TSP	15	15	13	17	8	14	7
SO_2							
Daily	7	1	0	6	0	0	4
Hourly	2	0	0	0	0	5	0
CO	0	1	-	0	-	0	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

INDIANA

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Evansville Interstate (Indiana portion)	X	X			
Illinois-Indiana-Wisconsin Interstate (Indiana portion)	X	X		X	
Indianapolis	X	X		X	
Louisville Interstate (Indiana portion)	X	X			

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	EPA promulgations (May 14, 1973, and February 6, 1974) are in effect.
Transportation control plans	EPA promulgation (April 5, 1974) is in effect for Metropolitan Indianapolis AQCR, but limited progress is being made toward implementation.
Emission limitations	State plan is approved for all pollutants.

INDIANA

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	176	2120
Actual resources available FY 75	159	2729

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	187
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	86
3. Coal-fired industrial boilers, 10-100 million Btu/hr	132
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	99
5. Residual oil-fired boilers, 10-100 million Btu/hr	177
6. Coal-fired boilers less than 10 million Btu/hr	46
7. Small and miscellaneous boilers	349
8. Chemical manufacture	88
9. Food and agricultural	854
10. Iron and steel industry	258
11. Primary non-ferrous metallurgy	11
12. Secondary metallurgy	149
13. Portland cement manufacture	18
14. Stone quarrying	299
15. Other mineral products	242
16. Petroleum processing	75
17. Wood products	16
18. Other industry	329
19. Petroleum storage	250
20. Other evaporative HC sources	488
21. Open-burning dumps	6
22. Industrial incineration	28
23. Other incineration	5
Total	4,192

[a] Data available from National Emissions Data System as of August 30, 1975.

INDIANA

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	398	301	76	21
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)	29	10	19	
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries	31	22	6	3
b. Sinter lines	11	7		4
c. Open hearth furnaces	31	15		16
d. Electric arc furnaces	14	8		6
e. Basic oxygen furnaces	13			13
f. Blast furnaces	27	27		

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	251
2. Field investigations	687
TOTAL	938

B. CASE DEVELOPMENT ACTIONS

	no data for local agencies
1. Notices/citations of violation issued	38
2. Administrative orders issued	37
3. Civil/criminal proceedings initiated	7
TOTAL	82

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Indiana, Chesterfield	Bethlehem Steel Corp., Burns Harbor Plant Steel plant	Violation of particulate (opacity and process weight stds.	Notice of violation issued 7/11/73	Coke ovens placed on satisfactory state schedule. Other points of emission in compliance or under investigation by regional office.
Indiana, Derby	Mulzer Crushed Stone Company Quarry	Violation of particulate matter and opacity standards.	Notice of violation issued 2/7/74.	Presently in compliance
Indiana, East Chicago	Atlantic Richfield Corp. Refinery	Violation of sulfur oxide stds.	Notice of violation issued 9/10/73.	Source in compliance.
Indiana, East Chicago	Blaw-Knox Foundry Foundry	Open hearth furnace violates particulate stds.	Notice of violation issued 1/21/74. Administrative order issued 4/15/74.	Presently in compliance with terms of order.
Indiana, East Chicago	Inland Steel Co. Steel Mill	Violation of opacity emission standard.	Notice of violation issued 7/18/73.	
Indiana, East Chicago	Mobil Oil Corp. Refinery	Violation of opacity & sulfur oxide limitations.	Notice of violation issued 9/10/73.	Source in compliance.
Indiana, East Chicago	Youngstown Sheet and Tube Co. Steel Mill	Violation of particulate and opacity standards.	Notice of violation issued 7/18/73.	On enforceable State order.

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Indiana, Gary	U. S. Steel Corp. Gary Steel Works	Tin Mill boiler house in violation of sulfur dioxide std.; sinter plant, Q-BOP and BOF in violation of particulate and visible emissions stds.	Notice of violation issued 5/16/75.	
Indiana, Hammond	Stauffer Chem. Company Sulfuric acid Manufacturer	Violation of sulfur dioxide emission stds.	Notice of violation issued 1/10/74.	Final compliance be evaluated.
Indiana, Indianapolis	Nat'l Starch & Chem. Corp. Industrial Boiler	Violation of particulate matter and sulfur oxide emission standard.	Notice of violation issued 11/19/73 admin. order issued 2/13/74.	Presently in compliance with terms of order. SO_2 status under re-examination.
Indiana, Indianopolis	RCA Corp. Electronics Manufacturer	Violation of hydrocarbon emission standard.	Notice of violation issued 7/1/74.	In compliance with local order.
Indiana, Indianapolis	Rock Island Refining Corp. Refinery	Violation of hydrocarbon and carbon monoxide emission standards.	Notice of violation issued 3/13/74.	In compliance with State enforcement order.
Indiana, Indianapolis	Union Carbide Corp. Industrial Boiler	Violation of particulate matter emission standard.	Notice of violation issued 5/29/74.	On enforceable State Schedule SO_2 status being investigated.
Indiana, LaPorte	Teledyne Casting Service Foundry	Cupola violates particulate matter emission standard.	Notice of violation issued 3/6/74.	In compliance with terms of order.

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Indiana, Lawrenceburg	Indiana & Mich. Elec. Co. Tanners Creek Generating Station	Power plant in violation of sulfur oxides std.	Notice of violation issued 3/10/75.	
Indiana, Muncie	Magaw Construction Inc. Asphalt Plant	Violation of opacty and particulate matter emission standards.	Notice of violation issued 12/19/73.	Presently in compliance
Indiana, Munster	American Brick Co. Brick Kiln & Crusher	Violation of particulate and opacity	Notice of violation issued 1/21/74.	
Indiana, Newburgh	Southern Indiana Gas and Elec. Co. Culley & Warrick Generating Station.	Power plant in violation of sulfur dioxide standard.	Notice of violation issued 5/27/75.	
Indiana, Newburgh	Aluminum Company of America 3/4 of Warrick station owns	Power plant in violation of sulfur dioxide standard.	Notice of violation issued 5/27/75.	
Indiana, New burg	ALCOA Aluminum Smelter	Violation of particulate stds.	Notice of violation issued 1/4/74.	

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Indiana, Noblesville	Hamilton Cty. Asphalt, Inc. Asphaltic Concrete	Violation of particulate matter emission standard.	Notice of violation issued 11/19/73. Admin. order issued 1/28/74.	Presently in compliance with terms of order.
Indiana, Richmond	Johns-Manville Corp. Glass Mfg.	Violation of particulate matter emission standard. Forming lines violate particulate std.	Notice of violation issued 6/26/74. Notice of violation issued 9/16/74. Enforcement Order issued 3/31/75.	Modification of existing order under consideration
Indiana, Richmond	Magaw Construction Inc. Asphalt Plant	Violation of opacity and particulate matter emission standards.	Notice of violation issued 12/19/73.	Presently in compliance
Indiana, Sellersburg	Sellersburg Stone Company Rock Crushing	Violation of opacity and particulate matter emission standards.	Notice of violation issued 1/10/74. Order issued 4/2/75.	Achieved compliance with regulations.
Indiana, Terre Haute	C.F. Industries Ammonium Nitrate Process.	Violation of particulate matter emission standards.	Notice of violation issued 10/9/73, Admin. order issued 1/31/74.	Presently in compliance with terms of order.
Indiana, Terre Haute	J.W. Davis Co. Boilers	Violation of particulate matter and opacity emission standards.	Notice of violation issued 4/26/74; Admin. order issued 6/15/74.	Presently in compliance with terms of order.
Indiana, Whiting	American Oil Co. Oil Refinery	Violation of sulfur oxide and opacity standards.	Notice of violation issued 9/10/73.	In compliance.

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Indiana, Cayuga	Colonial Brick Corp. Brick Mfg.	Violation of particulate emission standard.	Notice of violation issued 12/4/73. Order issued 2/26/74.	
Indiana, Indianapolis	International Harvest Co. Indust. Boiler	Violation of particulate matter emission standard.	Notice of Violation issued 10/26/73.	SO^2 status under investigation. In compliance with particulate reqs.
Indiana, Marion	Foster Forbes Glass Co. Glass Mfg. Indust. Boilers	Source refused info. requested in section 114 letter. Violation of particulate matter emission standard.	Admin. order issued 11/21/73. Notice of violation issued 1/2/74.	On State schedule.
Indiana, Mt. Summit	Magaw Construction Inc. Asphalt Plant	Violation of opacity and particulate matter emission standards.	Notice of violation issued 12/19/73.	Presently in compliance.
Indiana, Richmond	Dana Corp. Foundry	Cupolas violate opacity and particulate stds.	Notice of violation issued 10/30/73.	Presently in compliance.

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Indiana Cannelton	Can-Tex Industries, Inc. Rock Crushing	Violation of particulate matter emission standard.	Notice of violation issued 10/17/73 Admin. order issued 1/24/74.	Presently in compliance with terms of order.
Indiana Indianapolis	Central Soya Co. Indust. Boilers	Violation of particulate matter emission standard.	Notice of violation issued 10/11/73.	On State schedule.
Indiana Largo	Celotex Corporation Indust. Boilers	Violation of particulate matter emission standard.	Notice of violation issued 1/23/74. Admin. order issued 3/26/74.	Stack tests currently being evaluated.
Indiana Terre Haute	Public Service Co. of Ind. Wabash Sta. Power Plant	Violation of sulfur oxide emission standard.	Notice of violation sued 9/13/73.	Revision of Indiana SO^2 reg. delaying enforcement.
Indiana, Petersburg	Indiana Rural Elec. Coop., Inc. Power Plant	Violation of opacity and particulate standards.	Consent order issued 7/10/74.	In compliance with terms of consent order.
Indiana, Bloomington	Bloomington Crushed Stone Co. Quarry	Violation of opacity and particulate matter emission standards.	Notice of violation issued 10/31/73.	Presently in compliance with regulation
Indiana, Bloomington	Indiana University Power Plant	Violation of particulate standard.	Notice of violation issued 10/24/73 admin. Order issued 1/8/74.	

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Indiana, Wabash	Container Corp. of America Industrial Boilers	Violation of particulate and sulfur oxide stds.	Notice of violation issued 10/9/73.	In compliance.
Indiana, Wabash	Wabash Smelting Corp. Aluminum Plant	Violation of opacity and particulate matter stds.	Notice of violation issued 3/28/73. Second NOV issued 6/27/74. Order issued 5/30/73. Criminal action filed; defendent pled nolo contendere on 7/16/75; presently in compliance with probation terms.	

MICHIGAN

Table A . ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*082. South Bend-Elkhart-Benton Harbor Interstate (Ind.)	SO_2	TSP[b]	
122. Central Michigan		TSP SO_2 -Power plant	
123. Metropolitan Detroit-Port Huron		TSP	SO_2 - Power plant
*124. Metropolitan Toledo Interstate (Ohio)	TSP[b]	SO_2 - Compliance problem	
125. South Central Michigan	TSP	SO_2 -Power plant	
126. Upper Michigan	SO_2	TSP Point source compliance problem	

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

MICHIGAN

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]

CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*082. South Bend-Elkhart-Benton Harbor (Ind.)							
TSP	6	5	5	5	4	5	0
SO_2 Daily	1	1	1	1	1	1	0
Hourly	1	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
122. Central Michigan							
TSP	42	35	26	42	35	44	1
SO_2 Daily	11	9	5	13	7	7	0
Hourly	5	3	2	5	2	11	0
CO	3	0	-	2	-	2	-
O_x	1	0	-	0	-	0	-
123. Metropolitan Detroit-Port Huron							
TSP	42	42	42	44	38	42	1
SO_2 Daily	13	8	7	9	5	16	0
Hourly	17	16	7	16	4	9	0
CO	7	3	-	5	-	5	-
O_x	4	1	-	1	-	1	-
*124. Metropolitan Toledo (Ohio)							
TSP	6	4	3	4	3	4	0
SO_2 Daily	2	2	1	2	1	2	0
Hourly	3	2	1	2	2	2	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting 1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
125. South Central Michigan							
TSP	10	7	6	12	8	14	1
SO_2							
Daily	4	2	2	2	1	2	0
Hourly	1	1	0	2	1	2	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
126. Upper Michigan							
TSP	21	15	12	18	13	19	0
SO_2							
Daily	5	2	2	4	4	0	0
Hourly	0	0	0	0	0	4	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

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* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

MICHIGAN
Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Detroit	X				
Toledo Interstate (Michigan portion)	X				

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	EPA promulgation (October 28, 1972) is in effect.
Transportation control plans	None required.
Emission limitations	State plan is approved for all pollutants.

MICHIGAN

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	220	4534
Actual resources available FY 75	169	4426

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	204
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	154
3. Coal-fired industrial boilers, 10-100 million Btu/hr	167
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	11
5. Residual oil-fired boilers, 10-100 million Btu/hr	57
6. Coal-fired boilers less than 10 million Btu/hr	27
7. Small and miscellaneous boilers	323
8. Chemical manufacture	23
9. Food and agricultural	8
10. Iron and steel industry	79
11. Primary non-ferrous metallurgy	2
12. Secondary metallurgy	179
13. Portland cement manufacture	39
14. Stone quarrying	5
15. Other mineral products	142
16. Petroleum processing	37
17. Wood products	4
18. Other industry	186
19. Petroleum storage	0
20. Other evaporative HC sources	98
21. Open-burning dumps	1
22. Industrial incineration	14
23. Other incineration	17
Total	1,777

[a] Data available from National Emissions Data System as of August 30, 1975.

MICHIGAN

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	216	188	22	6
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)	30	22	8	
2. NON-FERROUS SMELTERS (SO_2)	1*			
3. STEEL PROCESSES (TSP)				
a. Coke batteries	17	13		4
b. Sinter lines	1	1		
c. Open hearth furnaces				
d. Electric arc furnaces	4	3		1
e. Basic oxygen furnaces	11	10		1
f. Blast furnaces	5	5		

*No applicable emission limitation

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries.................................. Not applicable
2. Field investigations...................................... 677

TOTAL 677

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued.................... no data
2. Administrative orders issued............................. not applicable
3. Civil/criminal proceedings initiated..................... no data

TOTAL

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Michigan, Hillsdale	Hillsdale Foundry	Violation of particulate matter emission standard.	Notice of violation issued 4/9/74.	State legal action has been initiated to enforce schedule.

MINNESOTA

Table A. ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
127. Central Minnesota	TSP SO_2		
*128. Southeast Minnesota-La Crosse Interstate (Wisc.)	SO_2	TSP[b]	
*129. Duluth-Superior Interstate (Wisc.)	SO_2	TSP[b]	
*130. Metropolitan Fargo-Moorhead Interstate (N.D.)	TSP SO_2		
131. Minneapolis-St. Paul		TSP SO_2 -Power plant	
132. Northwest Minnesota	SO_2	TSP Fugitive dust area	
133. Southwest Minnesota	SO_2	TSP Fugitive dust area	

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

MINNESOTA

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]

CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
127. Central Minnesota							
TSP	7	10	4	8	7	5	0
SO_2 Daily	1	2	0	1	1	0	0
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*128. Southeast Minnesota-La Crosse (Wisc.)							
TSP	10	10	9	12	7	9	0
SO_2 Daily	3	3	1	4	2	1	0
Hourly	1	1	0	1	1	3	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*129. Duluth-Superior (Wisc.)							
TSP	16	21	12	28	13	17	1
SO_2 Daily	4	1	1	6	0	2	0
Hourly	1	0	0	1	1	5	0
CO	0	0	-	1	-	0	-
O_x	0	0	-	0	-	0	-
*130. Metropolitan Fargo-Moorhead (N.D.)							
TSP	3	4	1	4	2	2	0
SO_2 Daily	1	1	0	2	0	0	0
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

MINNESOTA (continued)

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]

CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
131. Minneapolis-St. Paul							
TSP	24	28	19	33	23	30	0
SO_2							
Daily	9	10	9	18	9	9	0
Hourly	10	7	2	8	3	24	1
CO	4	3	-	4	-	5	-
O_x	5	1	-	2	-	2	-
132. Northwest Minn.							
TSP	4	6	0	5	3	4	0
SO_2							
Daily	1	0	0	1	0	0	0
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
133. Southwest Minn.							
TSP	4	5	4	5	3	5	0
SO_2							
Daily	1	0	0	1	0	0	0
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

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* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

MINNESOTA

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Duluth	X				
Minneapolis-St. Paul	X	X			

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	1. Minneapolis and St. Paul are in the process of setting up a system of park-and-ride lots. 2. A traffic management system for the Minneapolis central business district is due to start up in 1975. 3. Highway I-35W is being completed across the Mississippi River to divert traffic from the central business district.
Emission limitations	State plan is approved for all pollutants.

MINNESOTA

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	106	1105
Actual resources available FY 75	48	1333

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	94
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	34
3. Coal-fired industrial boilers, 10-100 million Btu/hr	27
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	27
5. Residual oil-fired boilers, 10-100 million Btu/hr	150
6. Coal-fired boilers less than 10 million Btu/hr	2
7. Small and miscellaneous boilers	237
8. Chemical manufacture	15
9. Food and agricultural	879
10. Iron and steel industry	19
11. Primary non-ferrous metallurgy	3
12. Secondary metallurgy	22
13. Portland cement manufacture	2
14. Stone quarrying	29
15. Other mineral products	98
16. Petroleum processing	25
17. Wood products	22
18. Other industry	55
19. Petroleum storage	0
20. Other evaporative HC sources	67
21. Open-burning dumps	0
22. Industrial incineration	14
23. Other incineration	1
Total	1,822

[a] Data available from National Emissions Data System as of August 30, 1975.

MINNESOTA

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	203	179	21	3
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)	30	30		
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries	7		4	3
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces	2	2		
e. Basic oxygen furnaces				
f. Blast furnaces				

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	1,225
2. Field investigations	1,244
TOTAL	2,469

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	0
2. Administrative orders issued	0
3. Civil/criminal proceedings initiated	0
TOTAL	0

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Minnesota, Brainerd	Burlington Northern Inc. Ind. Boilers	Violation of particulate matter emission standard.	Notice of violation issued 2/20/74.	State order issued 6/26/74. Meeting State order increments.
Minnesota, Buhl	Public Utilities Commission Power Plant	Violation of particulate stds.	Notice of violation issued 7/25/74.	City working in funding for controls
Minnesota, City of Two Harbors	Two Harbors Water & Light Plant Power Plant	Boiler #2 violates particulate stds.	Notice of violation issued 11/5/74.	
Minnesota, Collegeville	St. John's Univ. Industrial Boiler	Violation of particulate emission standard.	Notice of violation issued 2/20/74.	In compliance with State order.
Minnesota, Duluth	U.S. Steel-South Works	Coke ovens violate particulate stds.	Notice of violation issued 5/2/74.	State litigating. Further federal action deferred.
Minnesota, International Falls	Boise Cascade Corp. Kraft, pulp and paper mill, recovery boiler & bark boiler	Violation of particulate matter emission std.	Recovery boiler notice of violation issued 4/18/74. Consent order issued on 5/20/74. Bark boiler notice of violation issued 1/2/75.	Presently in compliance with terms of order.
Minnesota, Minneapolis	Northern States Power Co. Black Dog Station Power Plant	Violation of sulfur oxides stds.	Consent order issued 2/5/75.	Presently in compliance with terms of order.

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Minnesota, Minneapolis	L. Dreyfus Corp. Margrette Elevator Corp. Grain Handling	Grain evaluator, rail, dump, storage bins violate particulate and visible emissions stds.	Notice of violation issued 8/8/74. Enforcement order issued 11/15/74.	Presently in compliance with terms of order.
Minnesota, Red Wing	Conwed Corp. Foundry	Cupola & blow chambers violate particulate stds.	Notice of violation issued 2/20/74.	Meeting State order increments.
Minnesota, Springfield	Public Utilities Commission Power Plants	Violation of particulate stds.	Notice of violation issued 9/4/74.	Awaiting State permit action.

OHIO

Table A . ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*079. Metropolitan Cincinnati Interstate (Ind., Ky.)		TSP SO_2[b] -Power plant	
*103. Huntington-Ashland-Portsmouth-Ironton Interstate (Ky., W.Va.)		TSP[b]	SO_2[b] -Power plant
*124. Metropolitan Toledo Interstate (Mich.)		TSP[b] - Point and non-point sources SO_2 - Compliance problem	
173. Dayton		TSP	SO_2 - Power plant
174. Greater Metropolitan Cleveland		TSP -Area sources SO_2 -Power plant	
175. Mansfield-Marion		TSP	SO_2
176. Metropolitan Columbus		TSP	SO_2 - Power plant
177. Northwest Ohio	TSP		SO_2

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

OHIO (con't)

Table A . ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*178. Northwest Pennsylvania-Youngstown Interstate (Pa.)		TSP -Point and non-point sources SO_2^b -Power plant	
*179. Parkersburg-Marietta Interstate (W. Va.)		TSP^b	SO_2^b -Power plant
180. Sandusky	SO_2	TSP -Point and non-point sources	
*181. Steubenville-Weirton-Wheeling Interstate (W. Va.)		TSP -Point sources SO_2 -Power plant	
182. Wilmington-Chillicothe-Logan	TSP SO_2		
183. Zanesville-Cambridge	TSP		SO_2 -Power plant

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

OHIO
Table 8. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]
CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*079. Metropolitan Cincinnati (Ind., Ky.)							
TSP	41	32	32	41	36	40	0
SO_2 Daily	16	13	2	14	10	1	0
Hourly	8	1	0	2	0	14	0
CO	9	1	-	1	-	1	-
O_x	9	2	-	3	-	3	-
*103. Huntington-Ashland-Portsmouth-Ironton (Ky., W.Va.)							
TSP	19	2	2	22	13	26	15
SO_2 Daily	3	0	0	4	4	0	3
Hourly	2	0	0	0	0	2	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*124. Metropolitan Toledo (Mich.)							
TSP	16	12	11	18	0	18	9
SO_2 Daily	5	1	1	2	0	7	0
Hourly	7	4	0	5	0	6	0
CO	2	2	-	2	-	3	-
O_x	2	0	-	0	-	0	-
173. Dayton							
TSP	27	23	16	28	17	35	19
SO_2 Daily	18	13	5	16	4	7	12
Hourly	5	0	0	5	0	17	0
CO	4	1	-	2	-	5	-
O_x	3	0	-	4	-	7	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

OHIO (continued)

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
174. Greater Metropolitan Cleveland							
TSP	82	55	30	83	62	83	30
SO_2 Daily	22	36	19	48	36	5	18
Hourly	6	3	0	4	0	48	0
CO	6	5	-	2	-	1	-
O_x	6	1	-	3	-	1	-
175. Mansfield-Marion							
TSP	3	6	3	11	2	7	4
SO_2 Daily	3	1	1	1	1	0	0
Hourly	1	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
176. Metropolitan Columbus							
TSP	11	2	2	14	3	11	7
SO_2 Daily	6	1	1	1	0	1	0
Hourly	3	0	0	1	0	3	0
CO	3	2	-	2	-	2	-
O_x	4	2	-	1	-	1	-
177. Northwest Ohio							
TSP	4	0	0	3	0	6	1
SO_2 Daily	5	0	0	1	0	0	0
Hourly	2	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

OHIO (continued)

Table 8. AIR QUALITY MONITORING ACTIVITY

REPORTED TO SAROAD[a]

CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*178. Northwest Pa.-Youngstown (Pa.)							
TSP	15	1	1	3	0	18	0
SO_2							
Daily	6	1	1	3	0	2	0
Hourly	2	0	0	1	0	6	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	1	-	2	-
*179. Parkersburg-Marietta (W.Va.)							
TSP	5	0	0	0	0	5	0
SO_2							
Daily	1	0	0	0	0	0	0
Hourly	4	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
180. Sandusky							
TSP	6	0	0	8	2	6	2
SO_2							
Daily	2	0	0	0	0	0	0
Hourly	0	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*181. Steubenville-Weirton-Wheeling (W.Va.)							
TSP	17	1	0	23	16	24	19
SO_2							
Daily	5	1	1	9	2	0	4
Hourly	1	0	0	0	0	7	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

OHIO (continued)

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
182. Wilmington-Chillicothe-Logan							
TSP	4	0	0	0	0	2	0
SO_2 Daily	1	0	0	0	0	0	0
Hourly	1	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
183. Zanesville-Cambridge							
TSP	5	0	0	0	0	4	0
SO_2 Daily	1	0	0	0	0	0	0
Hourly	4	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

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* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

OHIO

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Akron-Canton	X	X			
Cincinnati Interstate (Ohio portion)	X			X	
Cleveland	X	X			
Columbus	X				
Dayton	X	X			
Mansfield	X				
Steubenville	X	X			
Toledo Interstate (Ohio portion)	X	X			
Youngstown	X				

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	EPA promulgation (April 15, 1974) is in effect.
Transportation control plans	1. Cincinnati and Norwood began a mandatory inspection/maintenance program in January 1975. 2. Hamilton County began operating inspection lanes in August.
Emission limitations	1. SO_2 control strategy was disapproved April 15, 1974. EPA intends to propose SO_2 regulation by end of October 1975. 2. Plan was disapproved on November 8, 1973, for photochemical oxidant (HC) standard in the Metropolitan Cincinnati AQCR. 3. State plan is approved for other pollutants.

OHIO

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	497	8131
Actual resources available FY 75	445	9429

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	270
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	210
3. Coal-fired industrial boilers, 10-100 million Btu/hr	218
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	58
5. Residual oil-fired boilers, 10-100 million Btu/hr	46
6. Coal-fired boilers less than 10 million Btu/hr	61
7. Small and miscellaneous boilers	615
8. Chemical manufacture	229
9. Food and agricultural	187
10. Iron and steel industry	247
11. Primary non-ferrous metallurgy	14
12. Secondary metallurgy	224
13. Portland cement manufacture	39
14. Stone quarrying	6
15. Other mineral products	623
16. Petroleum processing	69
17. Wood products	11
18. Other industry	620
19. Petroleum storage	17
20. Other evaporative HC sources	119
21. Open-burning dumps	7
22. Industrial incineration	263
23. Other incineration	65
Total	4,218

[a] Data available from National Emissions Data System as of August 30, 1975.

OHIO

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	491	307	175	9
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)	47*			
2. NON-FERROUS SMELTERS (SO_2)	1	1		
3. STEEL PROCESSES (TSP)				
a. Coke batteries	46	8	20	18
b. Sinter lines	20	3	11	6
c. Open hearth furnaces	75	28	17	30
d. Electric arc furnaces	30	14	4	12
e. Basic oxygen furnaces	14	4	6	4
f. Blast furnaces	48	30	7	11

*There are no SIP emission limitations for SO_2 in Ohio at present; EPA is preparing to promulgate standards

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	Not applicable
2. Field investigations	no data
TOTAL	

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	Not applicable
2. Administrative orders issued	Not applicable
3. Civil/criminal proceedings initiated	2
TOTAL	2

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Ohio, Rittman	Morton Salt Co., Industrial Boilers	Violation of particulate and visible emission stds.	Notice of violation issued 2/5/75.	
Ohio, Rittam	Packaging Corp of America Industrial Boiler	Violation of particulate matter std.	Notice of violation issued 2/3/75.	
Ohio, Shawnee-Township	Vistron Corp. Urea Prill Tower	Violation of particulate matter std.	Notice of violation issued 4/11/75.	
Ohio, Steubenville	Wheeling-Pitts. Steel Corp. Steel Mfg.	BOF shop in violation of particulate and visible emissions	Notice of violation issued 1/21/75.	April 30, 1975 conference stack test to be conducted by July 31, 1975.
Ohio, Steubenville	Federal Paperboard Co.	Violation of particulate matter std.	Notice of violation issued 6/18/75.	
Ohio, Warren	Copperweld Specialty Steel Co. Steel Mfg.	Teeming aisle and 35" mill scarfer in violation of particulate matter std.	Consent order issued 7/7/75.	Presently in compliance with terms of order.
Ohio, Woodville	Ohio Lime Co. Rotary Kilns	Violation of visible emissions and particulate matter stds.	Notice of violation issued 4/15/75. Consent order issued 7/8/75.	Presently in compliance with terms of order.

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Ohio, Lancaster	Loroco Indust. Indust. Boilers	Violation of particulate matter std.	Notice of violation issued 6/18/75.	
Ohio, Norwalk	Ohio Liquid Disposal, Inc. Incinerator	Violation of particulate std.	Notice of violation issued 9/6/74.	State initiated action; Co. now out of business.
Ohio, Norwalk	Ohio Liquid Disposal, Inc. Incinerator	Violation of particulate std.	Notice of violation issued 9/6/74.	State initiated action; Co. now out of business.
Ohio, Painesville	Uniroyal, Inc. Uniroyal Chem. Plant	Industrial Boilers in violation of particulate matter stds.	Notice of violation issued 1/16/75. Consent order issued 7/7/75.	Presently in compliance with terms of order.
Ohio, Parma	City of Parma Incinerator	Violation of incinerator particulate matter standard.	Notice of violation issued 3/19/75.	
Ohio, Philo	Ohio Ferro-Alloys Corps. Foundry	Submerged arc-furnaces in violation of visible emissions and particulate standards.	Notice of violation issued 3/19/75.	Negotiating terms of consent order with company.
Ohio, Portsmouth	Empire-Detroit Steel Div. Cyclops Corp. Steel Mfg.	Open hearth furnace violate particulate and visible emission std.	Notice of violation issued 11/1/74.	Final stages of negotiating consent order.

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Ohio, Lancaster	Anchor Hocking Corp. Boroslicate Blast Furnace	Violation of visible emissions and particulate stds.	Notice of violation issued 3/6/75. Consent order issued 6/26/75.	Presently in compliance with terms of order.
Ohio, Lorain	United States Steel Corp. Lorain Works Steel Mfg.	Coke batteries, sinter plant, and hot scarfer in violation of particulate and visible emissions stds.	Notice of violation issued 1/15/75.	U.S. Court of Appeals for the 6th Circuit stayed EPA enforcement pending resolution of §307 challenge in Buckeye II.
Ohio, Mansfield	Empire-Detroit Steel Division - Cyclops Corp. Steel Mfg.	Open hearth furnaces in violation of particulate and visible emission stds.	Notice of violation issued 1/9/75.	Company voluntarily closed down furnaces.
Ohio, Mansfield	Ohio Brass Co. Cupolas	Violation of particulate matter std.	Notice of violation issued 4/15/75.	
Ohio, Maplegrove	Basic Refractories Div. of Basic Inc., Brick Making Process	Violation of particulate matter std.	Notice of violation issued 6/18/75.	
Ohio, Massillon	Republic Steel Corp. Coke ovens	Coke Batteries violate particulate stds.	Notice of violation issued 9/27/74.	Enforcement stayed pending resolution of s307 challenge in Buckeye II.
Ohio, Massillon	Republic Steel Corp. Coke ovens	Coke Batteries violate particulate stds.	Notice of violation	Enforcement stayed pending resolution of §307 challenge in Buckeye II.
Ohio, Middlebranch	The Flintkote Co. Diamond-Kosmos Cement Fivision	Portland Cement Kilns in violation of particulate and visible emissions stds.	Notice of violation issued 2/10/75.	

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Ohio, Cleveland	Republic Steel Corp. Steel Mfg.	Sinter Plant, BOF, OHF, & Coke Batteries violate particulate stds.	Notice of violation issued 9/27/74.	Enforcement staved pending resolution of §307 challenge in Buckeye II.
Ohio, Euclid	City of Euclid Refuse Incinerator	Violation of incinerator particulate matter std.	Notice of violation issued 3/20/75. Order issued 5/22/75.	Presently in compliance with terms of order.
Ohio, Gypsum	United States Gypsum Co. Industrial Boilers	Violation of particulate matter std.	Consent order issued 7/7/75.	Presently in compliance with with terms of order.
Ohio, Hamilton	Armco Steel Corp. Hamilton Plant Coke Batteries	Coke batteries violated particulate stds.	Consent order issued 1/2/75.	Presently in compliance with terms of order.
Ohio, Hamilton	Gray Iron Foundry Corp. Cupolas	Violation of particulate matter std.	Notice of violation issued 5/6/75.	
Ohio, Hannibal	ORMET Corp. Aluminum Reduction Facility	Violation of particulate matter std.	Consent order issued 1/23/75.	
Ohio, Ironton	Dayton Malleable Inc.	Cupola in violation of particulateand visible emissions standards.	Consent order issued 3/5/75.	Presently in compliance with terms of order.

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Ohio, Alliance	Transue & Wms. Steel Forging Foundry Indust. Boilers	Forging Operation & boilers violate particulate stds.	Notice of violation issued 8/15/74. Order issued 2/18/75.	Presently in compliance with terms of order.
Ohio, Canton	Republic Steel Corp. Steel Mfg.	Elec arc furnace violation particulate stds.	Notice of violation issued 9/27/74.	Enforcement stayed pending resolution of s307 challenge in Buckeye II.
Ohio, Chillicothe	The Mead Corp. Industrial Boilers and Recovery Furnaces	Violation of particulate matter stds.	Consent order issued 2/5/75.	Presently in compliance with terms of order.
Ohio, Cleveland	Jones & Laughlin Steel Corp. Steel Mfg.	Sinter plant violates particulate stds.	Notice of violation issued 11/29/74.	Conference held 12/2/74.
Ohio, Cleveland	Republic Steel Corp. Steel Mfg.	Sinter Plant, BOF, OHF, & Coke Batteries violate particulate stds.	Notice of violation issued 9/29/74.	Enforcement stayed pending resolution of s307 challenge in Buckeye II.
Ohio, Cleveland	Aluminum Co. of America Industrial Boilers	Violation of particulate matter stds.	Notice of violation issued 1/14/75.	

WISCONSIN

Table A. ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*068. Metropolitan Dubuque Interstate (Ill., Iowa)	TSP[b] SO_2		
*073. Rockford-Janesville-Beloit Interstate (Ill.)	SO_2[b]		TSP[b] - Compliance problem
*128. Southeast Minnesota-La Crosse Interstate (Minn.)	TSP[b] SO_2		
*129. Duluth-Superior Interstate (Minn.)	TSP[b] SO_2		
237. Lake Michigan	TSP SO_2		
238. North Central Wisconsin	TSP SO_2		
239. Southeastern Wisconsin	TSP	SO_2 -Power plant	
240. Southern Wisconsin	TSP SO_2		

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

WISCONSIN

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*068. Metropolitan Dubuque (Ill., Iowa)							
TSP	2	0	0	2	1	2	0
SO_2 Daily	1	0	0	1	0	0	0
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*073. Rockford-Janesville-Beloit (Ill.)							
TSP	3	0	0	3	0	3	0
SO_2 Daily	0	0	0	1	1	0	0
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*128. Southeast Minnesota-La Crosse (Minn.)							
TSP	7	1	1	6	4	6	0
SO_2 Daily	5	0	0	3	1	0	0
Hourly	0	0	0	0	0	3	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*129. Duluth-Superior (Minn.)							
TSP	4	1	0	6	3	8	0
SO_2 Daily	1	0	0	3	0	0	0
Hourly	0	0	0	0	0	3	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

*.= Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

WISCONSIN (continued)

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
237. Lake Michigan							
TSP	15	1	1	18	11	14	0
SO_2 Daily	8	1	0	9	3	0	0
Hourly	0	0	0	0	0	8	0
CO	0	0	-	0	-	0	-
O_x	1	0	-	0	-	0	-
238. North Central Wisconsin							
TSP	5	0	0	5	3	8	0
SO_2 Daily	2	0	0	2	0	0	0
Hourly	0	0	0	0	0	4	0
CO	0	0	-	0	-	0	-
O_x	1	0	-	0	-	0	-
239. Southeastern Wisconsin							
TSP	32	3	3	31	19	31	0
SO_2 Daily	7	1	1	5	0	5	0
Hourly	9	3	3	5	2	4	4
CO	9	0	-	4	-	7	-
O_x	9	0	-	3	-	5	-
240. Southern Wisconsin							
TSP	6	1	1	10	7	12	1
SO_2 Daily	6	1	1	8	6	1	0
Hourly	0	0	0	0	0	7	0
CO	0	0	-	0	-	2	-
O_x	0	0	-	1	-	2	-

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*.= Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

WISCONSIN

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Illinois-Indiana-Wisconsin Interstate (Wisconsin portion)	X	X		X	
Lake Michigan Subregion	X				

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	None required.
Emission limitations	State plan is approved for all pollutants.

WISCONSIN

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	84	1956
Actual resources available FY 75	83	1770

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	145
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	68
3. Coal-fired industrial boilers, 10-100 million Btu/hr	81
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	73
5. Residual oil-fired boilers, 10-100 million Btu/hr	98
6. Coal-fired boilers less than 10 million Btu/hr	23
7. Small and miscellaneous boilers	356
8. Chemical manufacture	10
9. Food and agricultural	67
10. Iron and steel industry	12
11. Primary non-ferrous metallurgy	0
12. Secondary metallurgy	88
13. Portland cement manufacture	16
14. Stone quarrying	16
15. Other mineral products	66
16. Petroleum processing	3
17. Wood products	67
18. Other industry	37
19. Petroleum storage	0
20. Other evaporative HC sources	40
21. Open-burning dumps	1
22. Industrial incineration	15
23. Other incineration	36
Total	1318

[a] Data available from National Emissions Data System as of August 30, 1975.

WISCONSIN

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	143	136	7	0
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)	17	17		
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries	4		4	
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces				
e. Basic oxygen furnaces				
f. Blast furnaces				

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	no data
2. Field investigations	no data
TOTAL	

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	no data
2. Administrative orders issued	no data
3. Civil/criminal proceedings initiated	no data
TOTAL	

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Wisconsin, Hixton	Husky Industries, Inc. Charcoal Mfr.	Violation of particulate matter emission standard.	Notice of violation issued 4/3/74.	State order issued 6/28/74. In compliance.
Wisconsin, Milwaukee	Milwaukee Solvay Coke Co. Coke Ovens	Violation of particulate matter opacity and hydrocarbon emission standards.	Notice of violation issued 1/9/74.	State order complied with; EPA will evaluate source to determine if in compliance with SIP.
Wisconsin, Milwaukee	Pabst Brewing Co. Brewery	Violation of particulate matter emission standard.	Notice of violation issued 4/3/74.	State order issued 6/20/74.
Wisconsin, Milwaukee	Inryco, Inc. Roller Coating Operation	Violation of hydrocarbon std.	Notice of violation issued 7/2/75.	
Wisconsin, Milwaukee	Miller Brewing Co. Brewery	Violation of particulate matter emission. Federal compliance schedule for hydrocarbon emission standard.	Notice of violation sued 4/3/74. sent order issued 8/15/74.	In compliance with terms of consent order.
Wisconsin, Whitewater	Alpha-Cast, Inc. Foundry	Violation of particulate stds.	Notice of violation issued 9/25/74.	in mid-December.

EPA REGION VI

ARKANSAS
LOUISIANA
NEW MEXICO
OKLAHOMA
TEXAS

ARKANSAS

Table A. ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
016. Central Arkansas	SO_2	TSP - Fugitive dust area	
*017. Metropolitan Ft. Smith Interstate (Okla.)	SO_2	TSP[b] - Fugitive dust area	
*018. Metropolitan Memphis Interstate (Tenn.)	SO_2	TSP[b] - Fugitive dust area	
*019. Monroe-El Dorado Interstate (La.)	SO_2	TSP[b] - Fugitive dust area	
020. Northeast Arkansas	SO_2	TSP - Fugitive dust area and point sources	
021. Northwest Arkansas	TSP SO_2		
*022. Shreveport-Texarkana-Tyler Interstate (La., Okla.,Texas)	TSP[b] SO_2		

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

ARKANSAS

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]

CY 1972-74

		No. monitors reporting					
		1972		1973		1974	
AQCR/Pollutant	No. monitors proposed in SIP for 1974	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
016. Central Arkansas							
TSP	10	11	3	10	9	18	10
SO_2 Daily	1	1	0	2	0	0	1
Hourly	0	0	0	0	0	9	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*017. Metropolitan Ft. Smith (Okla.)							
TSP	3	4	0	3	3	10	2
SO_2 Daily	1	0	0	1	0	0	0
Hourly	0	0	0	0	0	2	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*018. Metropolitan Memphis (Miss., Tenn.)							
TSP	3	3	0	6	3	6	4
SO_2 Daily	1	0	0	3	0	0	3
Hourly	0	0	0	0	0	3	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*019. Monroe-El Dorado (La.)							
TSP	3	3	1	4	2	3	3
SO_2 Daily	1	1	0	2	0	0	2
Hourly	0	0	0	0	0	2	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

ARKANSAS (continued)

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting 1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
020. Northeast Arkansas							
TSP	5	4	1	23	5	22	5
SO_2 Daily	1	0	0	1	0	0	1
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
021. Northwest Arkansas							
TSP	2	2	1	2	1	2	2
SO_2 Daily	1	0	0	1	0	0	1
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
***022. Shreveport-Texarkana-Tyler (La., Okla., Texas)**							
TSP	3	4	0	4	3	5	3
SO_2 Daily	0	0	0	1	0	0	1
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

ARKANSAS

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Little Rock	X				

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	None required.
Emission limitations	State plan is approved for all pollutants.

ARKANSAS

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	56	1085
Actual resources available FY 75	35	516

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	19
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	6
3. Coal-fired industrial boilers, 10-100 million Btu/hr	0
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	65
5. Residual oil-fired boilers, 10-100 million Btu/hr	10
6. Coal-fired boilers less than 10 million Btu/hr	0
7. Small and miscellaneous boilers	85
8. Chemical manufacture	42
9. Food and agricultural	176
10. Iron and steel industry	2
11. Primary non-ferrous metallurgy	93
12. Secondary metallurgy	15
13. Portland cement manufacture	7
14. Stone quarrying	19
15. Other mineral products	101
16. Petroleum processing	36
17. Wood products	69
18. Other industry	29
19. Petroleum storage	0
20. Other evaporative HC sources	17
21. Open-burning dumps	21
22. Industrial incineration	74
23. Other incineration	3
Total	889

[a] Data available from National Emissions Data System as of August 30, 1975.

ARKANSAS

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	185	117	45	23
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)				
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries				
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces				
e. Basic oxygen furnaces				
f. Blast furnaces				

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	0
2. Field investigations	119
TOTAL	119

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	0
2. Administrative orders issued	0
3. Civil/criminal proceedings initiated	0
TOTAL	0

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

NO ACTIONS TAKEN

LOUISIANA

Table A . ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*019. Monroe-El Dorado Interstate (Arkansas)	TSP[b] SO_2		
*022. Shreveport-Texarkana-Tyler Interstate (Ark., Okla., Texas)	SO_2	TSP[b] Point sources	
*106. Southern Louisiana-Southeast Texas Interstate (Texas)	SO_2		TSP[b] Point and non-point sources

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

LOUISIANA

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]

CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*019. Monroe-El Dorado (Ark.)							
TSP	3	3	3	3	1	3	2
SO_2 Daily	1	1	1	1	1	0	1
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*022. Shreveport-Texarkana-Tyler (Ark.,Okla., Texas)							
TSP	3	4	2	3	0	6	2
SO_2 Daily	1	2	2	2	2	0	2
Hourly	0	0	0	0	0	2	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*106. Southern Louisiana-Southeast Texas (Texas)							
TSP	3	7	6	8	3	14	6
SO_2 Daily	11	14	10	13	10	5	13
Hourly	6	0	0	4	0	15	0
CO	0	3	-	1	-	2	-
O_x	6	3	-	1	-	1	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

LOUISIANA

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Shreveport	X				

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	None required.
Emission limitations	State plan is approved for all pollutants.

LOUISIANA

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	56	928
Actual resources available FY 75	25	715

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	34
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	56
3. Coal-fired industrial boilers, 10-100 million Btu/hr	0
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	62
5. Residual oil-fired boilers, 10-100 million Btu/hr	11
6. Coal-fired boilers less than 10 million Btu/hr	0
7. Small and miscellaneous boilers	438
8. Chemical manufacture	438
9. Food and agricultural	43
10. Iron and steel industry	0
11. Primary non-ferrous metallurgy	55
12. Secondary metallurgy	15
13. Portland cement manufacture	16
14. Stone quarrying	3
15. Other mineral products	94
16. Petroleum processing	400
17. Wood products	54
18. Other industry	117
19. Petroleum storage	46
20. Other evaporative HC sources	57
21. Open-burning dumps	0
22. Industrial incineration	56
23. Other incineration	7
Total	2,002

[a] Data available from National Emissions Data System as of August 30, 1975.

LOUISIANA

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	315	192	109	14
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)				
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries				
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces				
e. Basic oxygen furnaces				
f. Blast furnaces				

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	0
2. Field investigations	238
TOTAL	238

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	9
2. Administrative orders issued	0
3. Civil/criminal proceedings initiated	0
TOTAL	9

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Louisiana, Sterlington	Commercial Solvents Corp., Pace Lake Plt. nitric acid production units.	Violation of nitrogen oxides regulation.	Notice of violation issued 1/8/75.	Conference held 2/13/75. Negotiations on consent order are in progress
Louisiana, Sterlington	Commercial Solvents Corp., Dixie Chemical Plant-nitric acid production units.	Violation of nitrogen oxides regulation.	Notice of violation issued 1/8/75.	Conference held 2/13/75. Negotiations on consent order are in progress.
Louisiana, Tallulah	Chicago Mill & Lumber Co. Wood waste Boiler	Violation of particulate matter regs.	Notice of violation issued 11/21/74.	Boilers in violation no longer being operated.
Louisiana, Ville Platte	Cabot Corp., Ville Platte plant-carbon black incinerator.	Violation of incinerator regulation.	Notice of violation issued 1/31/75.	Company reports violative unit removed & new incinerator installed. Verification inspection to be scheduled.
Louisiana, West Monroe	Olinkraft, Inc. Container Plant-conical wood waste burner.	Violation of opacity regulation.	Notice of violation issued 3/24/75.	Conference held 8/7 & 8/8/75. Company reports modifications to burner. Inspection required to verify compliance status.
Louisiana, Winnfield	Carla Charcoal, Inc. afterburner on charcoal furnace.	Violation of opacity regulation & pollution control equipment use requirement.	Notice of violation issued 5/27/75.	Conference held 7/9/75.
Louisiana, Woodworth	L.H. Bossier, Inc. asphalt batch plant.	Violation of fugitive dust regulation & process weight regulation for particulate matter.	Notice of violation issued 6/25/75.	Conference held 7/29/75. company has installed controls; stack test completed; evaluation pending.

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Louisiana Bastrop	Internation Paper Co., Louisiana Mill-pulp & paper mill.	Violation of opacity & particulate matter regulations.	Notice of violation issued 7/31/75.	Conference scheduled for 9/10/75.
Louisiana Dubach,	Kerr Mcgee Corporation storage tanks & tank truck loading facility	Violation of regulations requiring vapor collection & disposal systems.	Notice of violation 2/14/75. Order issued 6/25/75.	
Louisiana Pine Grove	Edward Hines Lumber Co. of Louisiana	Violation of opacity and pariculate matter regulations.	Notice of Violation 12/27/75. Order issued 6/25/75.	
Louisiana Simmesport	Georgia Pacific Corp. Chip mill -- conical wood waste burner	Violation of opacity regulation	Notice of violation Order issued 6/25/75. Order issued 6/25/75.	
Louisiana West Monroe	Olinkraft, Inc. Pulp & Paper Div. pulp & paper mill.	Violation of opacity & particulate matter regulations.	Notice of violation issued 3/4/75.	Conference held 8/7 & 8/8/75. Company reports on consent order are in progress.
Louisiana Winnfield,	American Creosote Works, Inc., conical wood waste burner	Violation of opacity regulation	Notice of violation 3/18/75 Order issued 6/25/75.	
Louisiana Winnfield	Winnfield Veneer Co. conical wood waste burner.	Violation of opacity regulation.	Notice of violation issued 4/21/75.	Conference held 6/4/75.
Louisiana, Larose	LaFourche Parish Police Jury Open burning	Violaton of open burning req.	Notice of violation issued 10/3/74.	Conference waived, source reports compliance, inspection to be conducted

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Louisiana, Lillie	Olinkraft, Inc.m Pariculeboard Plant-wood waste boiler.	Violation of opacity regulation.	Notice of violation issued 3/28/75.	Conference held 8/7 & 8/8/75. Company reports modifications to boiler. Inspection required to verify compliance status.
Louisiana, Meraux	Murphy Oil Corp.-truck & Barge loading facilities	Violation of regulations requiring vapor collection & disposal systems.	Notice of violation issued 4/21/75.	Conference held 5/5/75.
Louisiana, Natchintoches	Willamette Industries Inc., Natchitoches Div.-wood waste boiler.	Violation of opacity regulation	Notice of violation issued 5/29/75.	Meeting held 6/20/75.
Louisiana, Pollock	Carroll W. Maxwell Co., Inc. Conical Wood Waste burner	Violation of opacity regs.	Notice of violation issued 11/29/74. Order issued 6/25/75	
Louisiana, Roanoke	Roanoke Rice Co-op-incinerator.	Violation of opacity regulation.	Notice of violation issued 4/22/75.	Inspection required to determine continuing violation.
Louisiana, Shreveport	Bird & Son Inc. asphalt roofing process	Violation of fugitive dust reg.	Notice of violation issued 11/11/74. New notice of violation issued 7/31/75.	
Louisiana, Shreveport	City of Shreveport-municipal incinerator	Violation of incinerator regulations.	Notice of violation issued 3/25/75.	Conference held 4/15/75. Required stack test pending.

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Louisiana, Elizabeth	Calcasieu Paper Co. Inc. pulp and paper mill	Violation of opacity and particulate matter reqs.	Notice of violation issued 11/11/74.	
Louisiana, Erwinville	Big River Industries, Inc.-rotary kiln.	Violation of process weight regulation for particulate matter	Notice of violation issued 12/26/74.	Company reports compliance; verification inspection to be scheduled.
Louisiana, Fisher	Vancouver Plywood Co., Inc., Softwood Lumber Div. wood waste boiler.	Violation of opacity & Pariculate matter regulations.	Notice of violation issued 12/23/74. Consent Order issued 7/9/75.	Final compliance is due 2/28/76. Company is ahead of schedule according to letter of 8/18/75.
Louisiana, Florien	Vancover Plywood Co., Inc.,Florien Plywood Conical Incinerator	Violation of opacity and incinerator reqs.	Notice of violation issued 9/30/74. Order issued 6/25/75.	
Louisiana, Geismar	Borden, Inc. Borden Chemical Div.-urea prill tower.	Violation of process weight regulation for particulate matter.	Notice of violation issued 1/6/75.	Conference held 3/7/75. Company has taken action to modify violative process. Stack tests pending.
Louisiana, Dodson	Hunt Lumber Co., Inc. Conical wood waste burner and wood waste boiler	Violaton of opacity particulate matter and open burning regulations.	Notice of violation issued 6/27/74. Consent Order issued 12/3/74	
Louisiana, Dodson	Willamette Ind., Inc., Louisiana Plywood Corp. Conical Incinerator	Violation of opacity, incinerator, and open burning reqs.	Notice of violation issued 9/30/74. Consent Order issued 1/24/75.	

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Louisiana, Alexandria	Mid-State Sand & Gravel Co., Inc.-asphalt batch plant.	Violation of process weight regulation for particulate matter.	Notice of violation issued 6/30/75.	Conference held 7/29/75. Company has installed controls; stack tests pending.
Louisiana, Amelia	St. Mary Parish Police Jury-solid waste dump	Violation of open burning regulation.	Notice of violation. issued 3/31/75.	Deferred to State of Louisiana for action
Louisiana, Amite	Dibert, Bancroft & Ross Co., Ltd.-foundry; electric arc furnaces.	Violation of fugitive dust regulation & process weight regulation for particualte matter.	Notice of violation issued 6/30/75.	Meeting held 8/6/75 30 day grace period granted
Louisiana, Bastrop	International Paper Co., Bastrop Mill-wood waste boiler.	Violation of paricumatter regulation.	Notice of viola-issued 1/31/75.	Conference held 4/2/75.
Louisiana, Baton Rouge	Ideal Cement Cement Kilns	Violation of particulate matter regs.	Notice of violation issued 8/12/74.	Plant closed 3/31/75.
Louisiana, Bogalusa	Crown Zellerbach Corp., Bogalusa Mill-pulp & paper mill.	Violation of opacity and particulate matter regulations.	Notice of viola-issued 2/12/75.	Conference held 7/25 & 7/28/75. Negotiations on consent order are in progress.
Louisiana, Cotton Valley	Cotton Valley Solvents Co. truck loading facility.	Violation of regulation requiring vapor collection & disposal system.	Notice of violation issued 7/21/75.	Conference held 8/15/75.
Louisiana, DeRidder	International Paper Co., DeRidder wood treating plant-conical wood waste burner.	Violation of opacity regulation.	Notice of violation issued 12/26/74.	Company reports compliance; verification inspection to be scheduled.

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Lousiana Shreveport,	Atlas Processing Co., storage tanks and tank truck facility	Failure to provide vapor recovery and systems for tank truck loading	Notice of Violation 12/31/74 Order issued 6/25/75.	
Louisiana, Springhill	International Paper Co., Springhill Mill-pulp & paper mill.	Violation of opacity & Particulate matter regulations.	Notice of violation issued 3/25/75.	Conference held 4/30/75.
Louisiana, Sterlington	Commercial Solvents Corp., Thermatomic Carbon Co.-carbon black recovery dryers.	Violation of process weight regulation for particulate matter.	Notice of violation issued 7/31/75.	Conference scheduled for 9/9/75.

NEW MEXICO

Table A . ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*012. Arizona-New Mexico-Southern Border Interstate (Arizona)		TSP Fugitive dust area SO_2[b]-Point sources	
*014. Four Corners Interstate (Ariz.,Colo.,Utah)	SO_2[b]	TSP[b] Fugitive dust area	
152. Albuquerque-Mid Rio	SO_2	TSP Fugitive dust area	
*153. El Paso-Las Cruces-Alamogordo Interstate (Texas)	SO_2	TSP Fugitive dust area; Point sources	
154. Northeastern Plains	SO_2	TSP Fugitive dust area	
155. Pecos-Permian Basin	TSP SO_2		
156. Southwestern Mountains-Augustine Plains	TSP SO_2		
157. Upper Rio Grande Valley	SO_2	TSP Fugitive dust area	

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

NEW MEXICO

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*012. Arizona-New Mexico Southern Border (Ariz.)							
TSP	6	0	0	10	8	8	6
SO_2 Daily	5	0	0	10	7	2	6
Hourly	2	0	0	2	0	8	1
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*014. Four Corners (Ariz., Colo., Utah)							
TSP	8	3	0	7	0	12	7
SO_2 Daily	5	3	0	5	0	4	3
Hourly	2	0	0	3	0	7	3
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
152. Albuquerque-Mid Rio Grande							
TSP	12	12	1	9	5	12	10
SO_2 Daily	2	1	1	1	0	0	1
Hourly	0	0	0	0	0	1	0
CO	2	1	-	6	-	6	-
O_x	2	0	-	6	-	4	-
*153. El Paso-Las Cruces-Alamogordo (Texas)							
TSP	7	2	1	8	5	8	8
SO_2 Daily	3	1	0	5	3	1	4
Hourly	1	0	0	0	0	5	0
CO	1	0	-	3	-	2	-
O_x	1	0	-	0	-	2	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

NEW MEXICO (continued)

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
154. Northeastern Plains							
TSP	3	1	0	2	0	3	0
SO_2 Daily	1	0	0	1	0	0	0
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
155. Pecos-Permian Basin							
TSP	6	5	1	7	0	11	1
SO_2 Daily	4	0	0	2	0	2	0
Hourly	0	0	0	0	0	8	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
156. Southwestern Mts.-Augustine Plains							
TSP	3	0	0	1	1	7	1
SO_2 Daily	1	0	0	0	0	0	0
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
157. Upper Rio Grande Valley							
TSP	7	5	2	9	3	7	3
SO_2 Daily	1	2	0	2	0	0	0
Hourly	0	0	0	0	0	1	0
CO	0	0	-	5	-	1	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

NEW MEXICO

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Albuquerque	X		X	X	
Four Corners			X		
Las Cruces	X		X		
Roswell			X		
Santa Fe	X		X		

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	None required.
Emission Limitations	1. EPA promulgation (March 21, 1974) is in effect for SO_2 in the Four Corners and Southern Border AQCRs. 2. State plan is approved for other pollutants.

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	55	1033
Actual resources available FY 75	49	781

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	35
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	5
3. Coal-fired industrial boilers, 10-100 million Btu/hr	0
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	4
5. Residual oil-fired boilers, 10-100 million Btu/hr	2
6. Coal-fired boilers less than 10 million Btu/hr	0
7. Small and miscellaneous boilers	709
8. Chemical manufacture	19
9. Food and agricultural	12
10. Iron and steel industry	2
11. Primary non-ferrous metallurgy	59
12. Secondary metallurgy	0
13. Portland cement manufacture	6
14. Stone quarrying	106
15. Other mineral products	210
16. Petroleum processing	137
17. Wood products	0
18. Other industry	22
19. Petroleum storage	135
20. Other evaporative HC sources	1
21. Open-burning dumps	1
22. Industrial incineration	14
23. Other incineration	0
Total	1,479

[a] Data available from National Emissions Data System as of August 30, 1975.

NEW MEXICO

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	162	104	13	45
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)	2	2		
2. NON-FERROUS SMELTERS (SO_2)	1*			
3. STEEL PROCESSES (TSP)				
a. Coke batteries				
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces				
e. Basic oxygen furnaces				
f. Blast furnaces				

*SIP disapproved for secondary air quality standards, EPA proposed new standards 5/75.

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	6
2. Field investigations	204
TOTAL	210

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	20
2. Administrative orders issued	10
3. Civil/criminal proceedings initiated	1
TOTAL	31

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

NO ACTIONS TAKEN

OKLAHOMA

Table A. ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*017. Metropolitan Ft. Smith Interstate (Ark.)	TSP[b] SO_2		
*022. Shreveport-Texarkana-Tyler Interstate (Ark., La., Texas)	TSP[b] SO_2		
184. Central Oklahoma	SO_2	TSP - Point and non-point sources	
185. North Central Oklahoma	TSP SO_2		
186. Northeastern Oklahoma	SO_2	TSP - Point and non-point sources	
187. Northwestern Oklahoma	SO_2	TSP Fugitive dust area	
188. Southeastern Oklahoma	TSP SO_2		
189. Southwestern Oklahoma	SO_2	TSP Fugitive dust area	

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

OKLAHOMA
Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]
CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*017. Metropolitan Ft. Smith (Ark.)							
TSP	4	4	1	5	3	3	2
SO_2 Daily	1	2	1	2	1	0	0
Hourly	0	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*022. Shreveport-Texarkana-Tyler (Ark., La., Texas)							
TSP	3	1	1	1	1	4	0
SO_2 Daily	1	1	1	1	0	0	0
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
184. Central Oklahoma							
TSP	29	28	8	29	18	40	8
SO_2 Daily	1	10	1	10	8	0	3
Hourly	1	0	0	0	0	17	0
CO	2	2	-	3	-	1	-
O_x	2	1	-	2	-	2	-
185. North Central Oklahoma							
TSP	5	4	1	5	2	5	0
SO_2 Daily	1	2	0	1	0	0	0
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

OKLAHOMA (continued)

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
186. Northeastern Oklahoma							
TSP	24	25	13	26	16	34	7
SO_2 Daily	3	6	3	7	2	0	2
Hourly	1	0	0	0	0	11	0
CO	2	1	-	1	-	3	-
O_x	2	1	-	1	-	1	-
187. Northwestern Oklahoma							
TSP	8	5	1	6	2	6	0
SO_2 Daily	1	1	1	2	0	0	0
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
188. Southeastern Oklahoma							
TSP	12	12	3	13	4	13	4
SO_2 Daily	4	2	1	2	1	0	1
Hourly	1	0	0	0	0	3	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
189. Southwestern Oklahoma							
TSP	13	12	5	12	7	11	5
SO_2 Daily	3	3	3	3	1	0	1
Hourly	0	0	0	0	0	3	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Central Oklahoma	X			X	
Tulsa	X			X	

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	None required.
Emission limitations	State plan is approved for all pollutants.

OKLAHOMA

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	102	1383
Actual resources available FY 75	76	1027

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	4
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	0
3. Coal-fired industrial boilers, 10-100 million Btu/hr	0
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	2
5. Residual oil-fired boilers, 10-100 million Btu/hr	1
6. Coal-fired boilers less than 10 million Btu/hr	0
7. Small and miscellaneous boilers	299
8. Chemical manufacture	23
9. Food and agricultural	24
10. Iron and steel industry	0
11. Primary non-ferrous metallurgy	39
12. Secondary metallurgy	10
13. Portland cement manufacture	12
14. Stone quarrying	56
15. Other mineral products	99
16. Petroleum processing	263
17. Wood products	26
18. Other industry	130
19. Petroleum storage	101
20. Other evaporative HC sources	22
21. Open-burning dumps	1
22. Industrial incineration	2
23. Other incineration	1
Total	1,115

[a] Data available from National Emissions Data System as of August 30, 1975.

OKLAHOMA

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules: In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	223	196	15	12
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)				
2. NON-FERROUS SMELTERS (SO_2)	1*			
3. STEEL PROCESSES (TSP)				
a. Coke batteries				
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces				
e. Basic oxygen furnaces				
f. Blast furnaces				

*No SIP emission limitation applicable

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	346
2. Field investigations	185
TOTAL	531

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	24
2. Administrative orders issued	7
3. Civil/criminal proceedings initiated	2
TOTAL	33

---

[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

NO ACTIONS TAKEN

Table A . ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*022. Shreveport-Texarkana-Tyler Interstate (Ark., La., Okla.)	TSP[b] SO_2		
*106. Southern Louisiana-Southeast Texas Interstate (La.)	TSP[b] SO_2		
*153. El Paso-Las Cruces-Alamogordo Interstate (New Mexico)	SO_2	TSP Fugitive dust area	
210. Abilene-Wichita Falls	SO_2	TSP Fugitive dust area	
211. Amarillo-Lubbock	SO_2	TSP Fugitive dust area	
212. Austin-Waco	TSP SO_2		
213. Brownsville-Laredo	SO_2	TSP Fugitive dust area	
214. Corpus Christi-Victoria	SO_2	TSP Fugitive dust area & non-point sources	

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

TEXAS (con't.)

Table A . ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
215. Metropolitan Dallas-Fort Worth	SO_2	TSP - Non-point sources	
216. Metropolitan Houston-Galveston		TSP - Non-point sources SO_2 - Point sources	
217. Metropolitan San Antonio	SO_2	TSP Fugitive dust area	
218. Midland-Odessa-San Angelo	TSP SO_2		

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

TEXAS

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]

CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*022. Shreveport-Texarkana-Tyler (Ark.,La.,Okla)							
TSP	8	2	2	3	2	3	0
SO_2 Daily	8	0	0	2	0	0	0
Hourly	3	0	0	0	0	3	0
CO	3	0	-	0	-	0	-
O_x	3	0	-	0	-	0	-
*106. Southern Louisiana-Southeast Texas (La.)							
TSP	10	3	2	12	8	6	0
SO_2 Daily	11	2	1	4	1	2	0
Hourly	6	0	0	1	0	6	0
CO	6	0	-	0	-	0	-
O_x	6	1	-	1	-	2	-
*153. El Paso-Las Cruces-Alamogordo (N.M.)							
TSP	13	17	1	24	17	24	2
SO_2 Daily	8	1	0	7	1	1	2
Hourly	6	0	0	1	0	10	0
CO	6	0	-	0	-	0	-
O_x	6	0	-	0	-	2	-
210. Abilene-Wichita Falls							
TSP	10	3	2	4	2	4	0
SO_2 Daily	11	3	1	4	2	0	1
Hourly	3	0	0	0	0	4	0
CO	3	0	-	0	-	0	-
O_x	3	0	-	0	-	0	-

*.= Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

TEXAS (continued)

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]

CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
211. Amarillo-Lubbock							
TSP	12	23	18	20	2	5	0
SO_2							
Daily	9	7	2	7	2	0	1
Hourly	3	0	0	0	0	5	0
CO	4	0	-	0	-	0	-
O_x	4	0	-	0	-	0	-
212. Austin-Waco							
TSP	13	10	5	12	7	12	0
SO_2							
Daily	13	4	1	7	2	1	0
Hourly	2	0	0	0	0	7	0
CO	5	0	-	0	-	0	-
O_x	5	0	-	2	-	1	-
213. Brownsville-Laredo							
TSP	10	14	7	4	3	5	0
SO_2							
Daily	6	0	0	0	0	0	0
Hourly	2	0	0	0	0	1	0
CO	3	0	-	0	-	0	-
O_x	3	0	-	0	-	0	-
214. Corpus Christi-Victoria							
TSP	24	13	12	18	7	15	0
SO_2							
Daily	17	5	4	6	3	1	0
Hourly	6	0	0	1	0	8	0
CO	7	0	-	0	-	0	-
O_x	7	0	-	1	-	2	-

*.= Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

TEXAS (continued)

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
215. Metropolitan Dallas-Ft. Worth							
TSP	37	35	28	44	25	40	0
SO_2 Daily	18	9	5	10	5	1	1
Hourly	2	0	0	1	0	11	0
CO	13	0	-	0	-	0	-
O_x	13	0	-	2	-	3	-
216. Metropolitan Houston-Galveston							
TSP	60	49	28	60	51	59	1
SO_2 Daily	51	36	21	45	30	5	3
Hourly	21	0	0	1	0	49	0
CO	19	0	-	0	-	1	-
O_x	21	1	-	2	-	4	-
217. Metropolitan San Antonio							
TSP	16	9	7	12	11	11	1
SO_2 Daily	10	6	4	6	3	1	1
Hourly	3	0	0	0	0	7	0
CO	6	0	-	0	-	0	-
O_x	6	0	-	0	-	1	-
218. Midland-Odessa-San Angelo							
TSP	8	5	4	5	3	5	0
SO_2 Daily	9	5	3	5	3	0	0
Hourly	4	0	0	0	0	5	0
CO	4	0	-	0	-	0	-
O_x	4	0	-	0	-	0	-

*.= Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

TEXAS

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Beaumont	X			X	
Corpus Christi	X				
Dallas-Forth Worth	X			X	
Galveston	X	X		X	
Houston	X			X	
San Antonio				X	
El Paso				X	

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	1. EPA regional office will shortly propose control strategies for the major Texas cities. 2. Dallas has been expanding its bus fleet and has established an exclusive bus lane.
Emission limitations	1. EPA promulgations (November 6, 1973) are in effect for HC in the El-Paso-Las Cruces-Alamagordo Interstate, Austin-Waco Interstate, Metropolitan Houston-Galveston Intrastate, Metropolitan Dallas-Ft. Worth Intrastate, Metropolitan San Antonio Intrastate, Southern Louisiana-Southeast Texas Interstate, and Corpus Christi-Victoria AQCRs. 2. State plan is approved for other pollutants.

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	739	14,219
Actual resources available FY 75	473	8,293

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[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	70
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	3
3. Coal-fired industrial boilers, 10-100 million Btu/hr	0
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	13
5. Residual oil-fired boilers, 10-100 million Btu/hr	1
6. Coal-fired boilers less than 10 million Btu/hr	0
7. Small and miscellaneous boilers	1263
8. Chemical manufacture	593
9. Food and agricultural	76
10. Iron and steel industry	41
11. Primary non-ferrous metallurgy	71
12. Secondary metallurgy	56
13. Portland cement manufacture	25
14. Stone quarrying	51
15. Other mineral products	121
16. Petroleum processing	1472
17. Wood products	35
18. Other industry	201
19. Petroleum storage	251
20. Other evaporative HC sources	160
21. Open-burning dumps	0
22. Industrial incineration	42
23. Other incineration	3
Total	4548

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[a] Data available from National Emissions Data System as of August 30, 1975.

TEXAS

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	1,121	804	85	232
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)				
2. NON-FERROUS SMELTERS (SO_2)	3*	2		
3. STEEL PROCESSES (TSP)				
a. Coke batteries	2			2
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces				
e. Basic oxygen furnaces				
f. Blast furnaces				

*SIP requirements inadequate for one smelter, revision underway.

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	0
2. Field investigations	1,458
TOTAL	1,458

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	202
2. Administrative orders issued	4
3. Civil/criminal proceedings initiated	8
TOTAL	214

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

NO ACTIONS TAKEN

EPA REGION VII

IOWA

KANSAS

MISSOURI

NEBRASKA

IOWA

Table A. ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*065. Burlington-Keokuk Interstate (Ill.)	SO_2[b]	TSP Fugitive dust area	
*068. Metropolitan Dubuque Interstate (Ill., Wisc.)	SO_2	TSP[b] Fugitive dust area	
*069. Metropolitan Quad Cities Interstate (Ill.)	SO_2	TSP[b] Fugitive dust area	
*085. Metropolitan Omaha-Council Bluffs Interstate (Neb.)	SO_2	TSP Fugitive dust area	
*086. Metropolitan Sioux City Interstate (Neb., S.D.)	SO_2	TSP Fugitive dust area	
*087. Metropolitan Sioux Falls Interstate (S.D.)	SO_2	TSP[b] Fugitive dust area	
088. Northeast Iowa	SO_2	TSP Fugitive dust area	
089. North Central Iowa	SO_2	TSP Fugitive dust area	

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

IOWA (con't)

Table A . ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
090. Northwest Iowa	SO_2	TSP Fugitive dust area	
091. Southeast Iowa	SO_2	TSP Fugitive dust area	
092. South Central Iowa	SO_2	TSP Fugitive dust area	
093. Southwest Iowa	TSP SO_2		

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

IOWA

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]

CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*065. Burlington-Keokuk (Ill.)							
TSP	2	2	2	2	1	2	2
SO_2							
Daily	1	0	0	1	0	1	1
Hourly	1	0	0	1	0	1	1
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*068. Metropolitan Dubuque (Ill., Wisc.)							
TSP	3	1	1	3	1	2	2
SO_2							
Daily	1	1	1	2	0	1	1
Hourly	0	0	0	1	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*069. Metropolitan Quad Cities (Ill.)							
TSP	3	3	3	3	3	6	5
SO_2							
Daily	1	0	0	1	0	1	1
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	1	-
*085. Metropolitan Omaha-Council Bluffs (Neb.)							
TSP	2	1	0	3	0	2	2
SO_2							
Daily	1	0	0	1	0	0	1
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

IOWA (continued)

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]

CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*086. Metropolitan Sioux City (Neb., S.D.)							
TSP	1	1	1	1	1	1	1
SO_2 Daily	1	0	0	1	0	0	1
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*087. Metropolitan Sioux Falls (S.D.)							
TSP	1	0	0	1	1	1	1
SO_2 Daily	1	0	0	1	0	0	1
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
088. Northeast Iowa							
TSP	12	8	2	11	6	12	7
SO_2 Daily	0	0	0	1	0	3	1
Hourly	2	0	0	1	0	1	1
CO	0	0	-	1	-	1	-
O_x	0	0	-	1	-	2	-
089. North Central Iowa							
TSP	3	4	1	4	3	4	4
SO_2 Daily	1	0	0	1	0	0	1
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

IOWA (continued)

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
090. Northwest Iowa							
TSP	1	1	0	2	1	2	2
SO_2 Daily	1	0	0	1	0	0	0
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
091. Southeast Iowa							
TSP	2	2	1	2	2	3	2
SO_2 Daily	0	0	0	1	0	0	1
Hourly	2	0	0	0	0	2	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
092. South Central Iowa							
TSP	13	8	6	15	14	15	15
SO_2 Daily	2	1	1	9	0	0	4
Hourly	0	0	0	0	0	9	0
CO	1	1	-	1	-	1	-
O_x	2	0	-	1	-	2	-
093. Southwest Iowa							
TSP	1	1	0	1	1	1	1
SO_2 Daily	1	0	0	1	0	0	1
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

IOWA

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Cedar Rapids	X				
Des Moines	X		X		
Dubuque	X				
Omaha-Council Bluffs Interstate (Iowa portion)	X				
Davenport	X				
Waterloo	X				

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	None required.
Emission limitations	State plan is approved for all pollutants.

IOWA

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	63	1056
Actual resources available FY 75	38	832

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	132
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	43
3. Coal-fired industrial boilers, 10-100 million Btu/hr	15
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	16
5. Residual oil-fired boilers, 10-100 million Btu/hr	110
6. Coal-fired boilers less than 10 million Btu/hr	3
7. Small and miscellaneous boilers	865
8. Chemical manufacture	212
9. Food and agricultural	1,250
10. Iron and steel industry	11
11. Primary non-ferrous metallurgy	3
12. Secondary metallurgy	303
13. Portland cement manufacture	46
14. Stone quarrying	8
15. Other mineral products	130
16. Petroleum processing	0
17. Wood products	15
18. Other industry	222
19. Petroleum storage	10
20. Other evaporative HC sources	52
21. Open-burning dumps	0
22. Industrial incineration	28
23. Other incineration	6
Total	3,480

[a] Data available from National Emissions Data System as of August 30, 1975.

IOWA

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules: In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	294	245	19	30
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)	18	18		
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries				
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces	1	1		
e. Basic oxygen furnaces				
f. Blast furnaces	5	3	2	

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	31
2. Field investigations	5,152
TOTAL	5,183

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	854
2. Administrative orders issued	3
3. Civil/criminal proceedings initiated	2
TOTAL	859

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Iowa Bloomfield	Bloomfield Foundry	Cupolas	Order issued 5/8/75	Complying with order
Iowa Boone & Marshalltown,	Iowa Electric Light & Power Co., Boone and Sutherland Stations power plants	Violation of partic - matter standards	Order issued 4/1/75	
Iowa Burlington	Iowa Army Ammunition Plant ammunition Plant	Violation of particulate matter and opacity standards	Memorandum of understanding signed 1/10/75	
Iowa Cedar Rapids	Central Iowa Power Cooperative Power Plant	Particulates	Order issued 7/29/75	Complying with Order
Iowa Clinton	Clinton Corn Processing Co. Grain Dryers	Violation of particulate emission standard	Notice of violation issued 6/3/74. Enforcement order issued 7/31/74.	Presently complying with terms of order.
Iowa Council Bluffs	Cargill, Inc. grain processor	Violation of particulate matter and opacity standards	Order issued 6/18/75	Complying with terms of order.

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Iowa Des Monies	Can-Tex Industries	Process weight Opacity	Order issued 6/24/75	Complying with order
Iowa Durant	Russelloy Foundry	Cupolas emissions	Order issued 5/8/75	Complying with order
Iowa Keokuk	Foote Mineral Co. ferroalloy plant	Violation of particulate matter standards	Order issued 11/13/74	
Iowa Mason City	Mason City Foundry Inc. foundry	Violation of particulate matter standards	Order issued 5/13/75	
Iowa Salix	Iowa Public Service Co., George Neal Station power plant	Violation of particulate matter standards	Order issued 1/31/75.	
Iowa Stockton	Quality Foundry Co. foundry	Violation of particulate matter standards	Consent order signed 5/23/75	
Iowa, Ft. Dodge	Georgia Pacific Corp. Wallboard Mfg.	Violation of particulate and opacity regs.	Notice of violation issued 7/11/74. Enforcement order issued 10/21/74.	Source presently in compliance with terms of order.

KANSAS

Table A. ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*094. Metropolitan Kansas City Interstate (Mo.)	SO_2	TSP Fugitive dust area	
095. Northeast Kansas	SO_2	TSP Fugitive dust area	
096. North Central Kansas	SO_2	TSP Fugitive dust area	
097. Northwest Kansas	SO_2	TSP Fugitive dust area	
098. Southeast Kansas	SO_2	TSP Fugitive dust area	
099. South Central Kansas	SO_2	TSP Fugitive dust area	
100. Southwest Kansas	SO_2	TSP Fugitive dust area	

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

KANSAS

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]

CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*094. Metropolitan Kansas City (Mo.)							
TSP	14	14	11	14	12	16	11
SO_2 Daily	6	7	5	7	6	3	7
Hourly	2	2	0	4	2	8	2
CO	2	1	-	4	-	3	-
O_x	2	1	-	3	-	2	-
095. Northeast Kansas							
TSP	9	9	5	9	7	13	8
SO_2 Daily	8	7	2	8	7	3	7
Hourly	0	1	0	2	0	11	1
CO	1	1	-	1	-	1	-
O_x	1	0	-	1	-	1	-
096. North Central Kansas							
TSP	6	6	3	6	3	6	5
SO_2 Daily	2	2	0	2	1	0	2
Hourly	0	0	0	1	0	2	0
CO	0	0	-	1	-	0	-
O_x	0	0	-	1	-	0	-
097. Northwest Kansas							
TSP	5	5	4	5	2	5	4
SO_2 Daily	3	3	0	3	2	2	2
Hourly	0	0	0	1	0	3	0
CO	0	0	-	1	-	2	-
O_x	0	0	-	0	-	1	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

KANSAS (continued)

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
098. Southeast Kansas							
TSP	6	6	3	6	3	7	4
SO_2 Daily	3	3	0	3	1	0	2
Hourly	0	0	0	0	0	3	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
099. South Central Kansas							
TSP	14	15	5	14	12	14	12
SO_2 Daily	12	6	1	12	3	3	11
Hourly	0	0	0	2	1	12	1
CO	2	2	-	2	-	5	-
O_x	2	1	-	2	-	4	-
100. Southwest Kansas							
TSP	5	3	2	5	3	5	4
SO_2 Daily	2	2	0	2	2	0	2
Hourly	0	0	0	0	0	2	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR.

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

KANSAS

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Kansas City Interstate (Kansas portion)	X				

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	None required.
Emission limitations	State plan is approved for all pollutants.

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	51	851
Actual resources available FY 75	45	796

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	95
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	16
3. Coal-fired industrial boilers, 10-100 million Btu/hr	0
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	108
5. Residual oil-fired boilers, 10-100 million Btu/hr	67
6. Coal-fired boilers less than 10 million Btu/hr	0
7. Small and miscellaneous boilers	655
8. Chemical manufacture	106
9. Food and agricultural	4,246
10. Iron and steel industry	34
11. Primary non-ferrous metallurgy	1
12. Secondary metallurgy	123
13. Portland cement manufacture	25
14. Stone quarrying	266
15. Other mineral products	307
16. Petroleum processing	393
17. Wood products	9
18. Other industry	918
19. Petroleum storage	168
20. Other evaporative HC sources	74
21. Open-burning dumps	0
22. Industrial incineration	26
23. Other incineration	5
Total	7,642

[a] Data available from National Emissions Data System as of August 30, 1975.

KANSAS

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	640	449	4	187
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)	6	6		
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries				
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces				
e. Basic oxygen furnaces				
f. Blast furnaces				

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	20
2. Field investigations	19,029
TOTAL	19,049

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	180
2. Administrative orders issued	161
3. Civil/criminal proceedings initiated	2
TOTAL	343

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Kansas Tice and Deerfield	Western Alfalfa Corp. grain processor	Violation of particulate matter standards	Orders issued 3/19/75	
Kansas Wichita	Western Iron and Foundry foundry	Violation of opacity standards	Orders issued 3/7/75	
Kansas, Kansas City	Erman Corp. Railroad Car Salvage	Violation of open burning (particulate matter) req.	Notice of violation issued 5/3/74	Open burning ceased, source now in compliance.
Kansas Chanute	Pence Food Centers incinerator	Violation of particulate matter standards	Order issued 2/19/75	
Kansas Hutchinson Topeka	Continental Grain Co. grain elevator	Violation of opacity standards	Order issued 3/31/75	
Kansas Hutchinson	Far-Mar Co., Inc. grain elevator	Violation of opacity standards	Order issued 3/18/75	
Kansas Kanorado	Reid Grain, Inc. grain elevator	Violation of opacity standards	Order issued 6/3/75	
Kansas La Cygne	Kansas City Power & Light Co. power plant	Violation of opacity standards	Order issed 4/10/75	
Kansas Parsons	Kansas Army Ammunition Plant	Open burning	Notice of violation signed 6/6/75	Complying with order

MISSOURI

Table A. ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*070. Metropolitan St. Louis Interstate (Ill.)		TSP SO_2	
*094. Metropolitan Kansas City Interstate (Kansas)	SO_2	TSP Fugitive dust area	
137. Northern Missouri	SO_2	TSP Fugitive dust area	
138. Southeast Missouri	TSP SO_2		
139. Southwest Missouri	TSP SO_2		

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

MISSOURI

Table 8. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting 1972 Minimum data[b]	Valid annual average[c]	1973 Minimum data[b]	Valid annual average[c]	1974 Minimum data[b]	Valid annual average[c]
*070. Metropolitan St. Louis (Ill.)							
TSP	25	21	19	27	20	23	10
SO_2							
Daily	2	2	1	2	1	6	1
Hourly	10	9	0	13	5	2	1
CO	10	9	-	12	-	10	-
O_x	10	7	-	13	-	12	-
*094. Metropolitan Kansas City (Kans.)							
TSP	23	23	18	19	12	21	5
SO_2							
Daily	3	1	0	5	4	5	4
Hourly	1	2	0	2	1	6	0
CO	3	1	-	2	-	3	-
O_x	3	0	-	2	-	3	-
137. Northern Missouri							
TSP	9	9	8	9	4	9	8
SO_2							
Daily	0	0	0	0	0	0	0
Hourly	0	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
138. Southeast Missouri							
TSP	8	8	8	10	4	5	3
SO_2							
Daily	1	0	0	0	0	3	0
Hourly	0	2	0	4	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

MISSOURI (continued)

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
139. Southwest Missouri							
TSP	10	11	8	11	2	17	8
SO_2							
Daily	0	1	0	2	1	0	2
Hourly	0	0	0	0	0	3	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

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* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

MISSOURI

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Kansas City Interstate (Missouri portion)	X				
St. Louis Interstate (Missouri portion)	X	X		X	

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	Plan is required for St. Louis; submittal is due October 31, 1975.
Emission limitations	State plan is approved for all pollutants.

MISSOURI

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	184	3617
Actual resources available FY 75	108	2015

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	81
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	42
3. Coal-fired industrial boilers, 10-100 million Btu/hr	10
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	26
5. Residual oil-fired boilers, 10-100 million Btu/hr	63
6. Coal-fired boilers less than 10 million Btu/hr	7
7. Small and miscellaneous boilers	312
8. Chemical manufacture	124
9. Food and agricultural	324
10. Iron and steel industry	6
11. Primary non-ferrous metallurgy	13
12. Secondary metallurgy	58
13. Portland cement manufacture	28
14. Stone quarrying	432
15. Other mineral products	192
16. Petroleum processing	11
17. Wood products	11
18. Other industry	181
19. Petroleum storage	77
20. Other evaporative HC sources	264
21. Open-burning dumps	3
22. Industrial incineration	84
23. Other incineration	17
Total	2,366

[a] Data available from National Emissions Data System as of August 30, 1975.

MISSOURI

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	272	264	7	1
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)	13	10	3	
2. NON-FERROUS SMELTERS (SO_2)	3	3*		
3. STEEL PROCESSES (TSP)				
a. Coke batteries	2	2		
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces	4		4	
e. Basic oxygen furnaces				
f. Blast furnaces				

*SIP may be inadequate for one smelter - plan is under study.

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries................................	232
2. Field investigations....................................	16,351
TOTAL	16,583

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued....................	597
2. Administrative orders issued.............................	93
3. Civil/criminal proceedings initiated.....................	82
TOTAL	772

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Missouri Kansas City	Centropolis Crusher Inc. Rock Crushing	Co. refused to submit data required by section 114 letter.	Admin. order issued 6/6/73.	Company complied with order.
Missouri Kansas City	Gibson-Homas Paint MFG.	NESHAPS-asbestos	Order issued 6/13/75.	Complying with orders
Missouri Kansas City	Armco Steel	Opacity	Order issued 3/24/75	Complying with orders
Missouri Springfield	City Utilities of Springfield power plant	Violation of particulate matter and opacity	NOV issued - 3/18/75 Order issued - 4/25/75	
Missouri St. Louis	Alpha Portland Cement portland cement	Violation of particulate matter standards	Order issued 4/24/75	
Missouri St. Louis	Missouri Portland Cement Co. portland cement	Violation of particulate matter standards	Order issued 4/10/75	
Missouri Sugar Creek,	Missouri Portland Cement Co. portland cement	Violation of particulate matter standards	Order issued 2/7/75	
Missouri, Affton	Alpha Portland Cement Cement Mfg.	Clinker cooler violates particulate req.	Notice of violation issued 9/28/73.	Source is now meeting terms of EPA approved State compliance schedule, further EPA action deferred.
Missouri, Glover	Asarco Lead Smelter	Violation of sulfur oxides emission standard	Notice of violation issued 6/2/73. Admin. order issued 10/23/73.	Order has been rescinded mooting present litigation. Entering into stipulation with company to resolve case.

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Missouri, Hannibal	Marion County Milling Grain Dryers	Violation of opacity standard	Notice of violation issued 6/16/74.	Source presently complying with acceptable State compliance schedule
Missouri, Jefferson City	Central Electric Pwr Co-op. Power Plant	Co. refused to submit data required by section 114 letter.	Admin. order issued 5/2/73.	Company complied with order.
Missouri, Lebanon	Independent Stave Co., Inc. Industrial Boilers	Violation of particulate matter (process emissions) and opacity reqs.	Notices of violation issued 7/9/73 and 10/10/73. Enforcement order issued 10/18/73. Criminal conviction returned on 11/20/74 for Violation order.	New trial granted.
Missouri, Louisiana	Hercules, Inc. Fertilizer Mfr.	In violation of particulate matter emissions reqs.	Notice of violation issued 5/16/73. Order issued 10/15/73.	Presently in compliance with terms of order.
Missouri, N. Kansas City	ADM Milling Co. Grain Mill	Violation of particulate emission standard.	Notice of violation issued 1/14/74.	Source is now meeting terms of EPA approved compliance schedule.
Missouri, Parkville	Mid-Continent Asphalt and Paving Co. Asphalt Mfg.	Violation of opacity standard	Notice of violation issued 10/19/73. Admin. order issued 4/25/74.	Source has completed installation of control equipment and is in compliance.

NEBRASKA

Table A . ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*085. Metropolitan Omaha-Council Bluffs Interstate (Iowa)	SO_2	TSP Fugitive dust area	
*086. Metropolitan Sioux City Interstate (Iowa, S.D.)	SO_2	TSP Fugitive dust area	
145. Lincoln-Beatrice-Fairbury	SO_2	TSP Fugitive dust area	
146. Nebraska	SO_2	TSP Fugitive dust area	

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

NEBRASKA

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*085. Metropolitan Omaha-Council Bluffs (Iowa)							
TSP	12	12	11	11	8	11	11
SO_2 Daily	3	1	1	5	2	0	6
Hourly	1	0	0	0	0	7	0
CO	0	1	-	1	-	1	-
O_x	0	3	-	1	-	1	-
*086. Metropolitan Sioux City (Iowa, S.D.)							
TSP	1	1	1	1	1	1	1
SO_2 Daily	1	0	0	0	0	0	0
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
145. Lincoln-Beatrice-Fairbury							
TSP	7	8	8	12	8	13	13
SO_2 Daily	1	1	1	1	0	0	1
Hourly	0	0	0	0	0	1	0
CO	0	0	-	1	-	1	-
O_x	0	0	-	0	-	0	-
146. Nebraska							
TSP	9	15	7	17	10	18	11
SO_2 Daily	1	1	0	1	0	0	1
Hourly	0	0	0	0	0	4	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

NEBRASKA

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Omaha-Council Bluffs Interstate (Nebraska portion)	X				

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	None required.
Emission limitations	State plan is approved for all pollutants.

NEBRASKA

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	47	832
Actual resources available FY 75	32	536

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	50
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	15
3. Coal-fired industrial boilers, 10-100 million Btu/hr	3
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	62
5. Residual oil-fired boilers, 10-100 million Btu/hr	129
6. Coal-fired boilers less than 10 million Btu/hr	0
7. Small and miscellaneous boilers	872
8. Chemical manufacture	9
9. Food and agricultural	2,123
10. Iron and steel industry	0
11. Primary non-ferrous metallurgy	0
12. Secondary metallurgy	58
13. Portland cement manufacture	5
14. Stone quarrying	95
15. Other mineral products	83
16. Petroleum processing	1
17. Wood products	0
18. Other industry	12
19. Petroleum storage	10
20. Other evaporative HC sources	19
21. Open-burning dumps	8
22. Industrial incineration	134
23. Other incineration	44
Total	3,732

[a] Data available from National Emissions Data System as of August 30, 1975.

NEBRASKA

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules: In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	436	352	41	43
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)	2	2		
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries				
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces				
e. Basic oxygen furnaces				
f. Blast furnaces				

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	1,172
2. Field investigations	5,334
TOTAL	6,506

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	205
2. Administrative orders issued	31
3. Civil/criminal proceedings initiated	0
TOTAL	236

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Nebraska, Bellevue	Nebraska Public Power Kramer Station Power Plant	Violation of emission limitations for particulates	Notice of violation issued 2/4/74. order issued 3/14/75. Order revised 6/25/75.	Source complying with terms of order.
Nebraska Hallam	Nebraska Public Power District, Sheldon Station power plant	Violation of particulate matter standards	Order issued 12/13/74 Order revised 7/9/75.	
Nebraska, Beatrice	Dempster Industries Inc. Foundry	Cupola violates EPA promulgated particulate matter emission Std.	Admin. order issued 7/2/74 Order Amended 4/25/75	Company meeting requirements of order.

EPA REGION VIII

COLORADO
MONTANA
NORTH DAKOTA
SOUTH DAKOTA
UTAH
WYOMING

COLORADO

Table A. ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*014. Four Corners Interstate (Ariz., N.Mex., Utah)	TSP[b] SO_2[b]		
034. Comanche	TSP SO_2		
035. Grand Mesa	SO_2	TSP	
036. Metropolitan Denver	SO_2	TSP Fugitive dust area	
037. Pawnee	SO_2	TSP Fugitive dust area	
038. San Isabel	SO_2	TSP Fugitive dust area	
039. San Luis	TSP SO_2		
040. Yampa	SO_2	TSP Fugitive dust area	

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attain-

COLORADO

Table 8. AIR QUALITY MONITORING ACTIVITY
REPORTED TO SAROAD[a]
CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*014. Four Corners (Ariz., N. Mex., Utah)							
TSP	6	7	3	6	4	5	0
SO_2 Daily	1	0	0	0	0	0	0
Hourly	1	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
034. Comanche							
TSP	2	2	2	2	2	2	0
SO_2 Daily	1	0	0	0	0	0	0
Hourly	0	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
035. Grand Mesa							
TSP	10	8	7	10	9	10	0
SO_2 Daily	1	0	0	0	0	0	0
Hourly	0	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
036. Metropolitan Denver							
TSP	21	23	20	23	21	22	0
SO_2 Daily	0	2	1	2	0	7	0
Hourly	6	1	0	8	0	2	0
CO	6	1	-	7	-	6	-
O_x	6	2	-	8	-	6	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid [illegible] available for CO and O_x.

COLORADO (continued)

Table B. AIR QUALITY MONITORING ACTIVITY
REPORTED TO SAROAD[a]
CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
037. Pawnee							
TSP	9	11	7	13	10	12	0
SO_2 Daily	1	0	0	0	0	0	0
Hourly	0	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
038. San Isabel							
TSP	8	9	8	10	8	9	0
SO_2 Daily	1	0	0	0	0	0	0
Hourly	0	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
039. San Luis							
TSP	2	5	5	5	4	5	0
SO_2 Daily	1	0	0	0	0	0	0
Hourly	0	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
040. Yampa							
TSP	8	4	4	4	4	4	0
SO_2 Daily	1	0	0	0	0	0	0
Hourly	0	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

COLORADO

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Colorado Springs	X		X		
Colorado-Utah Oil Shale Interstate (Colorado portion)	X	X	X	X	
Metropolitan Denver	X		X	X	X
North Central Colorado	X		X	X	
Pueblo	X		X		

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	1. Denver has an on-going carpool program. 2. Several experimental bus/carpool lanes are in operation as part of an overall Denver transit improvement program.
Emission limitations	State plan is approved for all pollutants.

COLORADO

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	106	2042
Actual resources available FY 75	115	2183

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	39
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	23
3. Coal-fired industrial boilers, 10-100 million Btu/hr	3
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	2
5. Residual oil-fired boilers, 10-100 million Btu/hr	24
6. Coal-fired boilers less than 10 million Btu/hr	0
7. Small and miscellaneous boilers	105
8. Chemical manufacture	12
9. Food and agricultural	49
10. Iron and steel industry	6
11. Primary non-ferrous metallurgy	8
12. Secondary metallurgy	6
13. Portland cement manufacture	7
14. Stone quarrying	26
15. Other mineral products	154
16. Petroleum processing	19
17. Wood products	1
18. Other industry	89
19. Petroleum storage	18
20. Other evaporative HC sources	45
21. Open-burning dumps	0
22. Industrial incineration	27
23. Other incineration	2
Total	665

[a] Data available from National Emissions Data System as of August 30, 1975.

COLORADO

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	131	127	4	0
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)				
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries	3			3
b. Sinter lines	1			1
c. Open hearth furnaces				
d. Electric arc furnaces	1			1
e. Basic oxygen furnaces	2			2
f. Blast furnaces	4			4

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	1
2. Field investigations	725
TOTAL	726

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	10
2. Administrative orders issued	1
3. Civil/criminal proceedings initiated	3
TOTAL	14

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Colorado, Pueblo	CF&I Steel Corp. Steel Mill	Violation of opacity reg.	Notices of violation issued 5/8,15,17 and 6/6/74. Orders issued 8/27/74 and 10/17/74.	Company complying with terms of order.

MONTANA

Table A . ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
140. Billings	TSP SO_2		
141. Great Falls	SO_2	TSP Fugitive dust area	
142. Helena		TSP Fugitive dust area; Point sources SO_2	
143. Miles City	TSP SO_2		
144. Missoula	SO_2	TSP Fugitive dust area; Point sources	

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

MONTANA

Table 5. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
140. Billings							
TSP	4	10	0	7	6	7	0
SO$_2$ Daily	3	0	0	0	0	0	0
Hourly	1	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O$_x$	0	0	-	0	-	0	-
141. Great Falls							
TSP	1	4	2	5	2	3	0
SO$_2$ Daily	3	1	1	1	0	0	0
Hourly	1	2	0	1	0	1	0
CO	0	0	-	0	-	0	-
O$_x$	0	0	-	0	-	0	-
142. Helena							
TSP	3	16	1	6	2	10	0
SO$_2$ Daily	3	0	0	6	0	1	4
Hourly	2	7	0	5	1	6	0
CO	0	0	-	0	-	0	-
O$_x$	0	0	-	0	-	0	-
143. Miles City							
TSP	1	5	1	8	2	10	0
SO$_2$ Daily	1	0	0	0	0	1	0
Hourly	0	0	0	1	0	3	0
CO	0	0	-	0	-	1	-
O$_x$	0	0	-	0	-	1	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O$_x$.

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
144. Missoula							
TSP	5	10	6	13	4	9	0
SO_2							
Daily	1	0	0	0	0	0	0
Hourly	0	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

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* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

MONTANA

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Anaconda-Butte	X	X			
Billings	X	X	X		
Helena		X			
Kalispell	X				
Missoula	X		X		
Southeastern Montana Coal Resource	X	X			

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	None required.
Emission limitations	1. Notice of proposed rulemaking published July 3, 1975, provides SO_2 regulation for ASARCO smelter. 2. State plan is in effect for other pollutants.

MONTANA

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	30	585
Actual resources available FY 75	22	540

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	3
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	6
3. Coal-fired industrial boilers, 10-100 million Btu/hr	0
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	29
5. Residual oil-fired boilers, 10-100 million Btu/hr	17
6. Coal-fired boilers less than 10 million Btu/hr	0
7. Small and miscellaneous boilers	84
8. Chemical manufacture	21
9. Food and agricultural	19
10. Iron and steel industry	0
11. Primary non-ferrous metallurgy	13
12. Secondary metallurgy	2
13. Portland cement manufacture	6
14. Stone quarrying	27
15. Other mineral products	35
16. Petroleum processing	86
17. Wood products	47
18. Other industry	30
19. Petroleum storage	57
20. Other evaporative HC sources	0
21. Open-burning dumps	0
22. Industrial incineration	54
23. Other incineration	0
Total	536

[a] Data available from National Emissions Data System as of August 30, 1975.

MONTANA

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	47	36	11	0
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)				
2. NON-FERROUS SMELTERS (SO_2)	2*			
3. STEEL PROCESSES (TSP)				
a. Coke batteries				
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces				
e. Basic oxygen furnaces				
f. Blast furnaces				

*National air quality standards being violated; SIP is disapproved; EPA approval of new SIP imminent

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	0
2. Field investigations	103
TOTAL	103

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	4
2. Administrative orders issued	0
3. Civil/criminal proceedings initiated	0
TOTAL	4

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

NO ACTIONS TAKEN

NORTH DAKOTA

Table A. ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*130. Metropolitan Fargo-Moorhead Interstate (Minn.)	TSP SO_2		
172. North Dakota	TSP SO_2		

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

NORTH DAKOTA

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*130. Metropolitan Fargo-Moorhead (Minn.)							
TSP	3	3	3	3	3	3	0
SO_2 Daily	1	0	0	0	0	0	0
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
172. North Dakota							
TSP	12	13	11	13	11	24	0
SO_2 Daily	1	0	0	0	0	1	0
Hourly	0	0	0	0	0	4	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

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* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

NORTH DAKOTA

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Cass	X				
McLean-Mercer-Oliver	X	X		X	X

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	None required.
Emission limitations	State plan is approved for all pollutants.

NORTH DAKOTA

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	15	175
Actual resources available FY 75	8	127[b]

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

[b] Includes one non-grant related state assignee.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	29
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	4
3. Coal-fired industrial boilers, 10-100 million Btu/hr	3
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	19
5. Residual oil-fired boilers, 10-100 million Btu/hr	9
6. Coal-fired boilers less than 10 million Btu/hr	3
7. Small and miscellaneous boilers	27
8. Chemical manufacture	154
9. Food and agricultural	2,064
10. Iron and steel industry	0
11. Primary non-ferrous metallurgy	0
12. Secondary metallurgy	1
13. Portland cement manufacture	0
14. Stone quarrying	23
15. Other mineral products	24
16. Petroleum processing	29
17. Wood products	0
18. Other industry	72
19. Petroleum storage	2
20. Other evaporative HC sources	0
21. Open-burning dumps	0
22. Industrial incineration	0
23. Other incineration	0
Total	2,463

[a] Data available from National Emissions Data System as of August 30, 1975.

NORTH DAKOTA

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules: In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	52	45	7	0
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)				
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries				
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces				
e. Basic oxygen furnaces				
f. Blast furnaces				

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	11
2. Field investigations	11
TOTAL	22

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	1
2. Administrative orders issued	0
3. Civil/criminal proceedings initiated	0
TOTAL	1

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

NO ACTIONS TAKEN

SOUTH DAKOTA

Table A. ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*086. Metropolitan Sioux City Interstate (Iowa, Neb.)	SO_2	TSP Fugitive dust area	
*087. Metropolitan Sioux Falls Interstate (Iowa)	TSP[b] SO_2		
205. Black Hills - Rapid City	SO_2	TSP Fugitive dust area; Point sources	
206. South Dakota	TSP SO_2		

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

SOUTH DAKOTA

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]

CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*086. Metropolitan Sioux City (Iowa, Neb.)							
TSP	0	0	0	0	0	0	0
SO_2							
Daily	0	0	0	0	0	0	0
Hourly	0	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*087. Metropolitan Sioux Falls (Iowa)							
TSP	3	3	0	4	2	3	0
SO_2							
Daily	1	0	0	0	0	0	0
Hourly	0	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
205. Black Hills-Rapid City							
TSP	2	3	1	3	3	3	0
SO_2							
Daily	2	1	1	1	0	0	0
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
206. South Dakota							
TSP	1	2	0	2	1	7	0
SO_2							
Daily	1	0	0	0	0	0	0
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0		0	-	0	-

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* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

SOUTH DAKOTA

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Sioux Falls	X				
Black Hills	X				

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	None required.
Emission limitations	State plan is approved for all pollutants.

SOUTH DAKOTA

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	10	155
Actual resources available FY 75	6	96[b]

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

[b] Includes two non-grant related state assignees.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	19
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	3
3. Coal-fired industrial boilers, 10-100 million Btu/hr	0
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	9
5. Residual oil-fired boilers, 10-100 million Btu/hr	8
6. Coal-fired boilers less than 10 million Btu/hr	1
7. Small and miscellaneous boilers	30
8. Chemical manufacture	70
9. Food and agricultural	1331
10. Iron and steel industry	2
11. Primary non-ferrous metallurgy	0
12. Secondary metallurgy	0
13. Portland cement manufacture	2
14. Stone quarrying	44
15. Other mineral products	102
16. Petroleum processing	0
17. Wood products	0
18. Other industry	176
19. Petroleum storage	43
20. Other evaporative HC sources	0
21. Open-burning dumps	286
22. Industrial incineration	14
23. Other incineration	0
Total	2140

[a] Data available from National Emissions Data System as of August 30, 1975.

SOUTH DAKOTA

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	90	87	3	0
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)				
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries				
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces				
e. Basic oxygen furnaces				
f. Blast furnaces				

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	34
2. Field investigations	677
TOTAL	711

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	12
2. Administrative orders issued	0
3. Civil/criminal proceedings initiated	0
TOTAL	12

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
South Dakota Mobridge	Montana-Dakota Utilities Company Mobridge Power Plant	Power Plant in violation of pariculate matter req.	Notice of violation issued 2/28/75.	
South Dakota Rapid City	Black Hills Power and Light Co. Ben French Station	Power Plant in violation of particulate matter reg.	Notice of violation issued 3/24/75. Administrative order issued 5/6/75	
South Dakota Rapid City	Light Aggregates, Inc. rotary kiln	Violation of particulate matter std	Notice of violation issued 6/19/75	
South Dakota Rapid City	Department of Transportation Division of Highways portable asphalt concrete hot mix plant plant	Violation of particulate matter and visible emissions reqs.	Notice of violation issued 7/9/75.	
South Dakota, Sturghs	Department of Transportation Division of Highways portable asphalt concrete hot mix plant	Violation of particulate matter stds	Notice of violation issued 7/9/75.	

UTAH

Table A. ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*014. Four Corners Interstate (Ariz., Colo., N.M.)	TSP[b] SO_2[b]		
219. Utah			TSP SO_2 No data available
220. Wasatch Front		TSP Fugitive dust area; Point sources SO_2	

* = Interstate AQCR

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[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]
CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*014. Four Corners (Ariz., Colo., N.M.)							
TSP	5	2	2	2	1	1	0
SO_2 Daily	5	0	0	0	0	0	0
Hourly	0	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
219. Utah							
TSP	3	0	0	0	0	0	0
SO_2 Daily	1	0	0	0	0	0	0
Hourly	0	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
220. Wasatch Front							
TSP	11	8	8	8	7	8	0
SO_2 Daily	9	1	1	4	0	8	3
Hourly	6	5	5	8	4	4	0
CO	5	4	-	4	-	4	-
O_x	5	4	-	4	-	4	-

*.= Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

UTAH

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Colorado-Utah Oil Shale Interstate (Utah portion)	X	X			
Northcentral Utah	X	X			
Provo	X				
Salt Lake City	X	X			
Southeastern Utah Coal Resource	X	X			
Southwestern Utah Coal Resource	X	X			
Wayne County Coal Resource	X	X			

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved except for particulate matter in Wasatch Front AQCR.
Transportation control plans	EPA promulgation (November 27, 1973) is in effect for Wasatch Front AQCR. Revised state transportation control plan was subject of a public hearing September 19, 1975.
Emission limitations	1. EPA SO regulations for Kennecott smelter were 10-18-74. (Final rulemaking is awaiting headquarters approval. SO_2 emission regulations for Kennecott smelter were adopted by the State June 26, 1975. EPA proposed to disapprove the June 26, 1975, state submittal on September 19, 1975. 2. EPA promulgated particulate matter regulations for Wasatch Front AQCR on May 14, 1973, and September 5, 1974.

UTAH

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	35	533
Actual resources available FY 75	18	362

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	16
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	10
3. Coal-fired industrial boilers, 10-100 million Btu/hr	1
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	13
5. Residual oil-fired boilers, 10-100 million Btu/hr	22
6. Coal-fired boilers less than 10 million Btu/hr	1
7. Small and miscellaneous boilers	71
8. Chemical manufacture	14
9. Food and agricultural	3
10. Iron and steel industry	23
11. Primary non-ferrous metallurgy	4
12. Secondary metallurgy	11
13. Portland cement manufacture	5
14. Stone quarrying	12
15. Other mineral products	67
16. Petroleum processing	43
17. Wood products	0
18. Other industry	81
19. Petroleum storage	15
20. Other evaporative HC sources	0
21. Open-burning dumps	0
22. Industrial incineration	5
23. Other incineration	2
Total	419

[a] Data available from National Emissions Data System as of August 30, 1975.

UTAH

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	54	50	4	0
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)	1	1		
2. NON-FERROUS SMELTERS (SO_2)	1*			
3. STEEL PROCESSES (TSP)				
a. Coke batteries	4			4
b. Sinter lines	2	2		
c. Open hearth furnaces	10		10	
d. Electric arc furnaces				
e. Basic oxygen furnaces				
f. Blast furnaces	3	3		

*SIP for smelters disapproved. Corrective SIP proposed 10/74, promulgation anticipated shortly.

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	23
2. Field investigations	184
TOTAL	207

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	9
2. Administrative orders issued	1
3. Civil/criminal proceedings initiated	0
TOTAL	10

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Utah Grantsville	Marblehead Lime Co. rotary calciner	Violation of particulate matter and visible emissions regs.	Notice of violation issued 6/27/75	
Utah Orem	United States Steel Corp. Steel MFG. boiler houses #'s 2-6	Violation of particulate matter stds	Notice of violation issued 6/23/75.	
Utah Rowley	NL Industries Magnesium Division melt cell-reactor system Gas Turbine Exhaust-Spray Dryer Exhaust System #3, #2, and # 1	Violations of particulate matter regs.	Notice of violation issued 5/7/75.	
Utah Salt Lake City.	W.B. Garner	Violation of opacity reg.	Notice of violation issued 8/6/74.	Presently in compliance.
Utah, Salt Lake City	Concrete Products Co. Cement Mfg.	Violation of opacity std	Notice of violation issued 8/26/74.	In compliance. Ceased operation.
Utah, Salt Lake City	Granite Mill and Fixture Co. Rock Crushing	Violation of opacity standard.	Notice of violation issued 6/20/74.	Presently in compliance

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Utah, Salt Lake City	Utah Sand & Gravel Rock Crushing	Violation of opacity reg.	Notice of violation issued 6/20/74.	Conference held 8/7/74. No further violations noted. Requesting improvement of O&M Plan.
Utah, Salt Lake City	Western States Engineering & Milling	Violation of opacity standard	Notice of violation issued 8/6/74.	In compliance.
Utah, Woods Cross	Crown Refining Co. Refinery	Violation of SIP new source review.	Notice of violation issued 5/6/74. Order issued 7/26/74.	Complying with order Plant production unit closed.
Utah, Woods Cross	Lloyd A. Fry Roofing Co. Roofing Mfg.	Violation of opacity reg.	Notice of violation issued 1/23/74.	EPA action pending outcome of State administrative hearing determination.

WYOMING

Table A. ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
241. Casper	TSP SO_2		
242. Metropolitan Cheyenne	TSP SO_2		
243. Wyoming	SO_2	TSP Fugitive dust area	

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

WYOMING
Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]
CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
241. Casper							
TSP	3	1	1	3	2	4	0
SO_2 Daily	1	2	1	2	1	0	0
Hourly	0	0	0	0	0	3	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
242. Metropolitan Cheyenne							
TSP	3	3	1	4	1	5	0
SO_2 Daily	1	1	0	1	0	0	0
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
243. Wyoming							
TSP	4	4	1	6	3	7	0
SO_2 Daily	1	2	1	2	0	1	0
Hourly	0	0	0	0	0	3	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

*.= Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Powder River Basin	X			X	
Sweetwater	X	X			

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	None required.
Emission limitations	State plan is approved for all pollutants.

WYOMING

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	19	354
Actual resources available FY 75	16	253

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	24
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	14
3. Coal-fired industrial boilers, 10-100 million Btu/hr	0
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	0
5. Residual oil-fired boilers, 10-100 million Btu/hr	9
6. Coal-fired boilers less than 10 million Btu/hr	1
7. Small and miscellaneous boilers	58
8. Chemical manufacture	38
9. Food and agricultural	11
10. Iron and steel industry	7
11. Primary non-ferrous metallurgy	6
12. Secondary metallurgy	0
13. Portland cement manufacture	1
14. Stone quarrying	40
15. Other mineral products	50
16. Petroleum processing	66
17. Wood products	0
18. Other industry	12
19. Petroleum storage	34
20. Other evaporative HC sources	0
21. Open-burning dumps	0
22. Industrial incineration	13
23. Other incineration	0
Total	384

[a] Data available from National Emissions Data System as of August 30, 1975.

WYOMING

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	70	68	0	2
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)				
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries				
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces				
e. Basic oxygen furnaces				
f. Blast furnaces				

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	10
2. Field investigations	654
TOTAL	664

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	5
2. Administrative orders issued	0
3. Civil/criminal proceedings initiated	0
TOTAL	5

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

EPA REGION IX

AMERICAN SAMOA
ARIZONA
CALIFORNIA
GUAM
HAWAII
NEVADA

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Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Wyoming, Sundance	Roberts Construction Company Quarry	Violation of ambient air std for total suspended particulates as provided in Wyoming SIP.	Notice of violation issued 8/16/73. Order issued 9/26/73.	Presently in compliance with terms of order.

AMERICAN SAMOA

Table A. ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
245. American Samoa	TSP SO_2		

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

AMERICAN SAMOA

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]

CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
245. American Samoa							
TSP	1	0	0	0	0	0	0
SO_2							
Daily	1	0	0	0	0	0	0
Hourly	0	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

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*.= Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

AMERICAN SAMOA
Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

None

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	None required.
Emission limitations	State plan is approved for all pollutants.

AMERICAN SAMOA

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

No data available.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES

No data available.

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

NO DATA AVAILABLE

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

NO ACTIONS TAKEN

ARIZONA

Table A. ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*012. Arizona-New Mexico-Southern Border Interstate (N.M.)	SO_2[b]	TSP Fugitive dust area	
*013. Clark-Mohave Interstate (Nevada)	SO_2[b]	TSP Fugitive dust area	
*014. Four Corners Interstate (Colo.,N.Mex., Utah)		TSP[b] Fugitive dust area	SO_2[b]
015. Phoenix-Tucson		TSP Fugitive dust area	SO_2 - Fuel switching may cause violations

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

ARIZONA

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*012. Arizona-New Mexico Southern Border (N.M.)							
TSP	6	3	0	4	0	8	0
SO_2 Daily	0	0	0	7	0	7	7
Hourly	3	3	0	7	1	7	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*013. Clark-Mohave (Nev.)							
TSP	2	3	3	5	3	4	0
SO_2 Daily	1	3	1	1	1	0	0
Hourly	0	0	0	0	0	2	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*014. Four Corners (Colo., N. M., Utah)							
TSP	5	10	1	7	1	8	0
SO_2 Daily	1	2	0	2	1	0	0
Hourly	1	0	0	0	0	2	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
015. Phoenix-Tucson							
TSP	22	16	9	32	12	46	14
SO_2 Daily	3	2	1	17	0	14	10
Hourly	8	8	1	12	3	18	1
CO	4	3	-	4	-	11	-
O_x	3	1	-	2	-	2	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

ARIZONA

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Phoenix SMSA	X		X	X	
Tucson SMSA	X			X	

[a]AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved except in part for Maricopa and Pima Counties.
Transportation control plans	1. Ninth Circuit Court invalidated EPA's requirements for implementation of state TCP. 2. The State has committed itself to establishing an inspection/maintenance program for Phoenix and Tucson beginning next year.
Emission limitations	1. EPA disapproved state regulations for SO_2 emissions from copper smelters in Arizona-New Mexico Southern Border and Phoenix-Tucson AQCRs. (EPA will propose replacement regulations. 2. EPA promulgation is in effect for SO_2 in Four Corners Interstate AQCR (March 3, 1974) and for TSP in Phoenix-Tucson Intrastate AQCR (May 14, 1973). 3. State plan is approved for other pollutants.

ARIZONA

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	125	1871
Actual resources available FY 75	118	2179

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	31
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	4
3. Coal-fired industrial boilers, 10-100 million Btu/hr	0
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	1
5. Residual oil-fired boilers, 10-100 million Btu/hr	4
6. Coal-fired boilers less than 10 million Btu/hr	0
7. Small and miscellaneous boilers	80
8. Chemical manufacture	8
9. Food and agricultural	685
10. Iron and steel industry	0
11. Primary non-ferrous metallurgy	27
12. Secondary metallurgy	11
13. Portland cement manufacture	23
14. Stone quarrying	62
15. Other mineral products	137
16. Petroleum processing	0
17. Wood products	1
18. Other industry	52
19. Petroleum storage	47
20. Other evaporative HC sources	16
21. Open-burning dumps	3
22. Industrial incineration	7
23. Other incineration	1
Total	1,200

[a] Data available from National Emissions Data System as of August 30, 1975.

ARIZONA

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	419	391	17	11
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)	2	1	1	
2. NON-FERROUS SMELTERS (SO_2)	7*			
3. STEEL PROCESSES (TSP)				
a. Coke batteries				
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces	3	3		
e. Basic oxygen furnaces				
f. Blast furnaces				

*SIP disapproved, EPA proposed regulations in preparation

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	10
2. Field investigations	20,794
TOTAL	20,804

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	75
2. Administrative orders issued	7
3. Civil/criminal proceedings initiated	45
TOTAL	127

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Arizona, Page	Salt River Project Navajo Station Power Plant	Violation of Federally promulgated compliance sched- matter.	Notice of violation issued 6/10/74. Order issued 9/18/74. ule for particulate	In violation of terms of order. Case under review.
Arizona, Payson	Kaibab Industries Incinerators	Violation of opacity req.	Notice of violation issued 7/24/73. Admin. order issued 9/26/73.	Achieved compliance 1/10/74.
Arizona, Sahuarita	Duval Sierrita Corp. Molybdenum concentrate, roaster, roasting	Violation of sulfur oxides emission reqs.	Notice of violation issued 10/7/74	
Arizona, San Manuel	Magma Cooper Co. Smelter	Violation of Federally promulgated schedule for particulate matter.	Consent order issued 3/7/75.	Presently in compliance with terms of order.
Arizona, Snowflake	Western Moulding Co. Inc. Incinerator	Violation of opacity reqs.	Notice of violation issued 7/24/73.	Placed on State schedule. Final compliance verified 5/8/74.
Arizona, Snowflake	Western Pine Industries Incinerators	Violation of opacity req.	Notice of violation issued 7/24/73.	Placed on state compliance schedule. Achieved final compliance 8/26/74.

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Arizona Benson	Apache Powder Co. Nitric acid plant and open burning.	Violation of opacity, open burning, and nitrogen oxide emission regs.	Notice of violation issued 11/13/73. Order issued 2/13/74.	Presently in compliance with terms of order.
Arizona, Douglas	Phelps Dodge Corp. Copper Smelter	Violation of opacity & particulate matter emission reg.	Notice of violation issued 3/27/74; Admin. order issued 8/6/74, ammended 11/12/74.	In violation of terms of order. Case under review for further enforcement action.
Arizona, Hayden	American Smelting and Refining Co. Smelter	Violation of Federally promulgated compliance schedule for particulate matter.	Notice of violation issued 4/3/75. Admin. order issued 6/19/75.	Not in compliance with terms of order. Case under review.
Arizona, Kingman	Duval Corp. Roaster, Molybdenum concentrate	Violation of sulfur oxides emissions and particualte matter regs.	Notice of violation issued 10/7/74. Order issued 8/12/75.	

Table A. ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
023. Great Basin Valley		TSP Fugitive dust area	SO_2 No data available
024. Metropolitan Los Angeles		TSP	SO_2 - Fuel switching may cause violations
025. North Central Coast	TSP SO_2		
026. North Coast	TSP SO_2		
027. Northeast Plateau	TSP SO_2		
028. Sacramento Valley	SO_2	TSP Fugitive dust area	
029. San Diego		TSP Non-point sources	SO_2 Fuel switching may cause violations
030. San Francisco Bay Area	TSP		SO_2 Fuel switching may cause violations

* = Interstate AQCR

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[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

Table A . ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
031. San Joaquin Valley	SO_2	TSP Fugitive dust area	
032. South Central Coast	TSP SO_2		
033. Southeast Desert	SO_2	TSP Fugitive dust area	

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

CALIFORNIA
Table B. AIR QUALITY MONITORING ACTIVITY
REPORTED TO SAROAD[a]
CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
023. Great Basin Valley							
TSP	3	0	0	0	0	0	0
SO_2 Daily	0	0	0	0	0	0	0
Hourly	0	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
024. Metropolitan Los Angeles							
TSP	25	23	20	27	16	31	24
SO_2 Daily	8	8	6	8	0	21	7
Hourly	17	13	11	20	11	8	0
CO	24	19	-	26	-	26	-
O_x	27	19	-	27	-	37	-
025. North Central Coast							
TSP	5	4	4	4	4	5	4
SO_2 Daily	0	0	0	0	0	0	0
Hourly	0	0	0	0	0	0	0
CO	1	1	-	2	-	2	-
O_x	4	4	-	4	-	4	-
026. North Coast							
TSP	15	2	1	1	1	7	4
SO_2 Daily	1	1	0	0	0	0	0
Hourly	0	0	0	0	0	0	0
CO	1	0	-	0	-	1	-
O_x	1	1	-	1	-	0	-

* Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

CALIFORNIA (continued)

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]

CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
027. Northeast Plateau							
TSP	3	0	0	0	0	4	3
SO_2 Daily	0	0	0	0	0	0	0
Hourly	0	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
028. Sacramento Valley							
TSP	8	5	5	5	4	8	6
SO_2 Daily	1	1	0	1	0	0	1
Hourly	0	0	0	0	0	1	0
CO	4	4	-	4	-	4	-
O_x	6	6	-	5	-	5	-
029. San Diego							
TSP	3	1	1	4	3	7	1
SO_2 Daily	1	1	1	2	0	3	1
Hourly	0	1	0	2	0	1	0
CO	2	1	-	3	-	1	-
O_x	7	6	-	6	-	6	-
030. San Francisco Bay Area							
TSP	15	17	9	18	14	17	17
SO_2 Daily	4	4	3	5	0	10	2
Hourly	6	2	1	7	1	3	0
CO	15	13	-	15	-	15	-
O_x	20	15	-	22	-	22	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

CALIFORNIA (continued)

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]

CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
031. San Joaquin Valley							
TSP	16	7	7	9	7	15	10
SO_2 Daily	2	1	0	1	0	1	1
Hourly	0	0	0	1	0	1	0
CO	7	7	-	7	-	7	-
O_x	8	8	-	7	-	6	-
032. South Central Coast							
TSP	2	1	1	1	1	1	1
SO_2 Daily	0	0	0	0	0	0	0
Hourly	0	0	0	0	0	0	0
CO	1	1	-	1	-	1	-
O_x	2	2	-	2	-	2	-
033. Southeast Desert							
TSP	7	1	1	1	0	3	0
SO_2 Daily	0	0	0	0	0	0	0
Hourly	0	1	0	0	0	0	0
CO	2	3	-	6	-	5	-
O_x	6	6	-	4	-	5	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

CALIFORNIA
Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Sacramento Valley Area			X	X	
San Diego Air Basin	X		X	X	
San Francisco Bay Area	X	X		X	
San Joaquin and Stanislaus Counties	X			X	
Fresno County	X			X	
Kern County	X		X	X	
Tulare County	X				
South Coast Air Basin	X	X	X	X	X
Southeast Desert				X	

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

CALIFORNIA

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	EPA promulgation (May 14, 1973) is in effect in all counties except Butte, Colusa, Imperial, San Luis Obispo, Yuba, Lake, Tehama, Del Norte, and Trinity Counties and Bay Area AQCR.
Transportation control plans	1. Pilot inspection/maintenance program will begin in Riverside this fall, and program for entire South Coast Air Basin is planned for fall 1976. 2. Preferential bus/carpool lanes are in effect in Los Angeles and San Francisco. 3. State and Cal Trans are running carpool programs. 4. San Diego is currently circulating to the local jurisdictions a draft comprehensive air strategy program involving parking controls, mass transit improvements, carpooling, and stationary source controls. Adoption is expected by end of this year. 5. At least four jurisdictions in the Los Angeles area -- City of Los Angeles, City of Brea, City of Long Beach, County of San Bernadino -- are developing parking management plans. 6. Sacramento and jurisdictions in the Bay area are also developing parking management plans. 7. San Francisco-Oakland Bay Bridge changed its fare structure to encourage carpools. 8. Ninth Circuit Court invalidated EPA's requirements for implementation of the state TCP.

(Table continued on next page.)

California (continued)

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Emission limitations	1. EPA proposals are in effect for TSP in Metropolitan Los Angeles, San Joaquin Valley and Southeast Desert AQCRs. 2. EPA promulgations for HC controls are in effect in Sacramento Valley, San Francisco Bay, San Joaquin Valley, and Los Angeles Metropolitan AQCRs. 3. State plan is inadequate for NO_2 control in Los Angeles, but no EPA control strategy or regulations have been promulgated to provide for attainment of NO_2 standard. 4. Excessive CO levels exist in Los Angeles San Joaquin Valley, Sacramento Valley, and San Francisco, but no additional stationary source controls are deemed possible. 5. State plan is approved for other pollutants.

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	1221	31,140
Actual resources available FY 75	1118[b]	28,868[c]

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

[b] Does not include 263 man-years available for air pollution control work in other State agencies such as Bureau of Auto Repair, Department of Transportation and Department of Health; and in research and mobile source control activities carried on by California Air Resources Board.

[c] Does not include approximately $3,450,958 provided by other State agencies, $2,352,000 approved by California Air Resources Board for inspection/maintenance program, $1,714,000 designated by California Air Resources Board for research studies. (Actual resources include $4,600,000 of state subvention funds.)

CALIFORNIA

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	150
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	44
3. Coal-fired industrial boilers, 10-100 million Btu/hr	0
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	97
5. Residual oil-fired boilers, 10-100 million Btu/hr	431
6. Coal-fired boilers less than 10 million Btu/hr	0
7. Small and miscellaneous boilers	767
8. Chemical manufacture	377
9. Food and agricultural	507
10. Iron and steel industry	64
11. Primary non-ferrous metallurgy	22
12. Secondary metallurgy	271
13. Portland cement manufacture	119
14. Stone quarrying	263
15. Other mineral products	1,013
16. Petroleum processing	492
17. Wood products	218
18. Other industry	1,029
19. Petroleum storage	413
20. Other evaporative HC sources	2,297
21. Open-burning dumps	224
22. Industrial incineration	308
23. Other incineration	19
Total	9,125

[a] Data available from National Emissions Data System as of August 30, 1975.

CALIFORNIA

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules: In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	1,517	1,441	54	22
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)				
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries	7	7		
b. Sinter lines	2	2		
c. Open hearth furnaces	16	8	8	
d. Electric arc furnaces	17	17		
e. Basic oxygen furnaces	3	3		
f. Blast furnaces	11	7	1	3

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	2,956
2. Field investigations	337,104
TOTAL	340,060

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	2,593
2. Administrative orders issued	9
3. Civil/criminal proceedings initiated	687
TOTAL	3,289

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
California Santa Fe Springs	Gulf Oil Corp. Santa Fe Springs Refinery	Sulfur recovery plant in violation of sulfur oxides req.	Notice of violation issued 3/26/75. Admin. order issued 6/24/75.	Presently in compliance with terms of order.
California Tulare	Dairyman's Cooperative Creamery Asso. whey drier	Violation of particulate matter req.	Notice of violation issued 3/25/75. Administrative order	Presently in compliance with terms of order.
California, Richmond	Allied Chem. Corp, Sulfuric Acid Plant	Violation of sulfur oxide emission reg	Notice of violation issued 7/18/74.	EPA has proposed disapproval of existing req.
California, South Gate	General Motors Corp. Auto Mfr.	Failure to submit a compliance schedule for hydrocarbon emissions.	Consent order issued 6/6/74.	Achieved final compliance 8/5/74.
California, Ukiah	Redwood Coast Lumber Co. Incinerator	Violation of opacity reg	Notice of violation issued 8/10/73. Admin. order issued 12/21/73.	Achieved final compliance
California, Vernon	Fibreboard Corp. Printing plant	Violation of hydrocarbon req.	Notice of violation issued 3/11/73.	Achieved final compliance

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
California, Los Angeles	Uniroyal, Inc. Rubber Mfr.	Failure to submit approvable compliance schedule pursuant to Federally promulgated regulation.	Notice of violation issued 3/11/74; consent order issued 6/18/74.	Source certified final compliance.
California, Martinez	Phillips Petro. Co. - Avon Plant Refinery	Violation of sulfur oxide emission reg.	Notice of violation issued 7/18/74.	EPA has proposed disapproval of existing reg.
California, Martinez	Monsanto-Avon Plant Indust. Boilers	Violation of sulfur oxides emissions reg.	Notice of violation issued 7/18/74.	Conference held 8/29/75. EPA has proposed disapproval of existing regs.
California, Monrovia	Avery Label Co. Printing	Violation of hydrocarbon reg.	Consent order issued 8/30/74.	Source certified compliance. Region to verify.
California, Monolith	Monolith Portland Cement Plant Cement Kilns	Violation of opacity and particulate emission reg.	Notice of violation issued 11/20/73; admin. order issued 5/10/74.	Achieved Final Compliance with terms of order.
California, North Hollywood	ALCO Gravure Printing Co.	Violation of Hydrocarbon emission reg.	Notice of violation issued 4/26/74. Order issued 10/16/74.	Presently complying with terms of order.
California, Richmond	Standard Oil of California	Violation of sulfur oxides emission reg.	Notice of violation issued 7/19/74.	Conference held 8/13/74. EPA has proposed disapproval of existing reg.

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
California, El Segundo	Standard Oil of Calif. Oil Refinery	Violation of EPA review of new sources and modifications reqs.	Notice of violation issued 1/31/74. Admin order issued 3/5/74.	Achieved final compliance 8/12/74.
California, Fontana	Kaiser Steel Corp. Steel Mill	Violation of opacity, sulfur oxides emission regs	Notice of violation issued 8/3/73;consent order issued 7/12/74, revised 11/11/74.	In violation of consent order. Case has been referred to U.S. Attorney.
California, Fort Bragg	Georgia Pacific Corp. Incinerator	Violation of opacity req.	Notice of violation issued 8/10/73. Admin. order issued 12/20/73.	Achieved final compliance
California, Fort Bragg	Louisiana Pacific Co. Incinerator	Violation of opacity req.	Notice of violation issued 8/10/73. Admin. order issued 12/20/73.	In violation of terms of order. Region to inspect.
California, Visalia	Stauffer Chemical Corp. Whey drier	Violation of particulate matter req.	Notice of violation issued 6/18/75.	
California, Long Beach	Dept. of Water & Power, City of Los Angeles, Haynes Steam Plant	Violation of nitrogen oxide emissions req.	Consent order issued 7/9/74.	Achieved final compliance.
California, Los Angeles	Gravure W. Printing Co. Printing	Violation of increments of progress of schedule to meet hydrocarbon emission reqs.	Notice of violation issued 5/10/74. Order issued 10/16/74.	Source requested extension of terms of order to 9/30/75.

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
California, Cloverdale	G&R Lumber Co. Incinerator	Violation of opacity reg.	Notice of violation issued 8/10/73. Admin. order issued 12/20/73.	Achieved final compliance. Region will inspect to verify.
California, Cloverdale	Masonite Corp. Incinerator	Violation of opacity reg.	Notice of violation issued 8/10/73. Admin. order issued 12/20/73.	Achieved final compliance 6/27/74.
California, Covelo	Louisiana Pacific Corp.	Violation of opacity reg.	Notice of violation issued 8/10/73. Admin.	Achieved final compliance 5/1/74.
California Carson	Atlantic Richfield Co. Refinery	Sulfur recovery plt. in violation of sulfur oxides reg.; FCCU in violation of particulate reg.; and sulfur plant incinerator in violation of sulfur oxides reg.	Notice of violation issued 3/27/75.	
California El Centro	Valley Nitrogen Produces, Inc. Urea Prill Tower	Violation of particulate matter reg.	Notice of violation issued 6/11/75.	
California Fremont	General Motors Auto Assembly Plant	Violation of hydrocarbon reg.	Notice of violation issued 3/27/75.	EPA in process of disapproving proposed revision to EPA reg. submitted by APCD.
California San Jose	Ford Motor Co. San Jose Assembly	Violation of hydrocarbon reg.	Notice of violation issued 1/8/75.	EPA in process of disapproving proposed revision to EPA reg. submitted by APCD.

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
			issued 5/19/75.	
California, Anderson	Simpson Lee Paper Co. Boiler	Violation of opacity particulate and sulfur oxide (TRS) emission standard.	Notice of violation issued 3/21/74. Admin. order issued 4/9/74.	Presently in compliance with terms of order.
California, Boron	U.S. Borox and Chemical Fusing lines	Violation of opacity req.	Notice of violation issued 10/10/74. Admin. order issued 6/9/75.	In compliance with terms of order.
California, Brawley	Batley-Janss Enterprise Alfalfa Mill	Violation of particulate and opacity emission req.	Notice of violation issued 12/14/73	In compliance (source shutdown).
California, Calpella	Masonite Corp., Incinerator	Violation of opacity req.	Notice of violation issued 8/10/73. Admin. orders issued 12/20/73.	Achieved final compliance
California, Carson	Texaco, Inc. Sulfur Recovery Plant	Violation of sulfur oxide emission req.	Notice of violation issued 2/22/74; admin. order issued 5/9/74; order revised 10/9/74.	Source certified final compliance.
California, Cloverdale	Cloverdale Plywood Co. (Fibreboard Corp) Incinerator	Violation of opacity reqs.	Notice of violation issued 8/10/73. Admin. order issued 12/21/73	Achieved final compliance

GUAM

Table A . ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
246. Guam		TSP Fugitive dust area SO_2	

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

GUAM

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
246. Guam							
TSP	2	9	0	8	0	4	1
SO_2							
Daily	3	6	0	4	0	0	1
Hourly	1	0	0	0	0	5	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

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* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

GUAM

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

None

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	None required.
Emission limitations	State plan is approved for all pollutants.

GUAM

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	8	108
Actual resources available FY 75	8	130

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	2
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	0
3. Coal-fired industrial boilers, 10-100 million Btu/hr	0
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	13
5. Residual oil-fired boilers, 10-100 million Btu/hr	1
6. Coal-fired boilers less than 10 million Btu/hr	0
7. Small and miscellaneous boilers	0
8. Chemical manufacture	0
9. Food and agricultural	0
10. Iron and steel industry	0
11. Primary non-ferrous metallurgy	0
12. Secondary metallurgy	0
13. Portland cement manufacture	0
14. Stone quarrying	0
15. Other mineral products	0
16. Petroleum processing	0
17. Wood products	0
18. Other industry	0
19. Petroleum storage	0
20. Other evaporative HC sources	0
21. Open-burning dumps	2
22. Industrial incineration	0
23. Other incineration	0
Total	18

[a] Data available from National Emissions Data System as of August 30, 1975.

GUAM

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

NO DATA AVAILABLE

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

NO ACTIONS TAKEN

HAWAII

Table A. ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
060. Hawaii		TSP Fugitive dust area SO_2 -Power plant	

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

HAWAII

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]

CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
060. Hawaii							
TSP	12	15	11	16	11	16	8
SO_2 Daily	8	13	6	14	6	0	7
Hourly	1	0	0	0	0	14	0
CO	2	1	-	1	-	1	-
O_x	2	1	-	1	-	1	-

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* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

HAWAII

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

None

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	None required.
Emission limitations	State plan is approved for all pollutants. However, revisions for SO_2 were requested in May 1975.

HAWAII

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	26	400
Actual resources available FY 75	17	399

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	31
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	23
3. Coal-fired industrial boilers, 10-100 million Btu/hr	0
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	48
5. Residual oil-fired boilers, 10-100 million Btu/hr	42
6. Coal-fired boilers less than 10 million Btu/hr	0
7. Small and miscellaneous boilers	39
8. Chemical manufacture	1
9. Food and agricultural	6
10. Iron and steel industry	1
11. Primary non-ferrous metallurgy	0
12. Secondary metallurgy	2
13. Portland cement manufacture	4
14. Stone quarrying	29
15. Other mineral products	33
16. Petroleum processing	21
17. Wood products	0
18. Other industry	12
19. Petroleum storage	484
20. Other evaporative HC sources	0
21. Open-burning dumps	0
22. Industrial incineration	0
23. Other incineration	3
Total	779

[a] Data available from National Emissions Data System as of August 30, 1975.

HAWAII

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	68	23	21	24
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)				
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries				
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces	1			1
e. Basic oxygen furnaces				
f. Blast furnaces				

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries..................................	0
2. Field investigations....................................	38
TOTAL	38

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued..................	10
2. Administrative orders issued............................	2
3. Civil/criminal proceedings initiated....................	0
TOTAL	12

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Hawaii, Honolulu	City and County of Honolulu, Kewalo Municipal Incinerator	Violation of particulate matter reg. and Fed. approved State schedule.	Notice of violation issued 1/7/75. Admin. order issued 6/6/75.	Not in compliance with terms of order; source requested extension; region to deny request and require immediate compliance with order.
Hawaii, Honolulu	City and County of Honolulu, Waipaho Municipal Incinerator	Violation of particulate matter reg. and Fed. approved State compliance schedule.	Notice of violation issued 1/7/75. Admin. order issued 6/6/75.	Not in compliance with terms extension; region to deny request and require immediate compliance with order.
Hawaii, Papaaloa	Laupa Hoekoe Sugar Sugar Processing Plant	Violation of visible emission and particulate matter reqs.	Notice of violation issued 5/13/75	
Hawaii, Puuinene	Hawaiian Bitumuls Paving Co., LTD Asphalt Concrete Batching Plant	Violation of visible emissions req.	Notice of violation issued 5/13/75.	
Hawaii Pepeeked	Hilo Coast Processing Co. Wainaku Factory Sugar Processing Plant	Violation of visible emissions and particulate matter reqs.	Notice of violation issued 5/14/75.	
Hawaii, Ewa	Hawaiian Western Steel LTD. Steel Mfg.	Electric arc Furnaces in violation of visible emissions req.	Notice of violation issued 6/20/75	
Hawaii, Halaula	Kohala Corp. Sugar Mill Industrial Boiler	Violation of opacity and particulate matter emission req.	Consent order issued 7/16/74.	In compliance with terms of order.
Hawaii, Honolulu	City and County of Honolulu, Kapalama Municipal Incinerator	Violation of particulate matter req. and Fed. approved State compliance schedule.	Notice of violation issued 1/7/75. Admin. order issued 6/6/75.	Not in compliance with terms of order; source requested extension; region to deny request and require immediate compliance with order.

NEVADA

Table A. ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*013. Clark-Mohave Interstate (Arizona)		SO_2[b]-Power plant TSP Fugitive dust area	
147. Nevada		TSP Fugitive dust area SO_2	
148. Northwest Nevada	SO_2	TSP Fugitive dust area	

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

NEVADA

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*013. Clark-Mohave (Ariz.)							
TSP	15	17	14	17	14	20	9
SO_2 Daily	2	0	0	0	0	0	0
Hourly	1	0	0	0	0	0	0
CO	2	0	-	1	-	2	-
O_x	2	1	-	2	-	2	-
147. Nevada							
TSP	7	9	8	9	6	12	0
SO_2 Daily	3	3	0	6	3	2	0
Hourly	1	0	0	3	0	3	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
148. Northwest Nevada							
TSP	12	15	14	15	13	16	1
SO_2 Daily	1	0	0	0	0	0	0
Hourly	0	0	0	0	0	0	0
CO	0	1	-	1	-	1	-
O_x	1	0	-	0	-	1	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

NEVADA

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Las Vegas	X		X	X	
Reno	X				

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	EPA promulgation (May 14, 1973) is in effect for Washoe County.
Transportation control plans	None required.
Emission limitations	1. EPA regulation for SO_2 was promulgated February 6, 1975, for the McGill smelter. 2. State plan is approved for other pollutants.

NEVADA

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	34	507
Actual resources available FY 75	28	518

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	15
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	3
3. Coal-fired industrial boilers, 10-100 million Btu/hr	0
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	0
5. Residual oil-fired boilers, 10-100 million Btu/hr	3
6. Coal-fired boilers less than 10 million Btu/hr	0
7. Small and miscellaneous boilers	42
8. Chemical manufacture	9
9. Food and agricultural	3
10. Iron and steel industry	1
11. Primary non-ferrous metallurgy	50
12. Secondary metallurgy	0
13. Portland cement manufacture	17
14. Stone quarrying	6
15. Other mineral products	172
16. Petroleum processing	0
17. Wood products	2
18. Other industry	45
19. Petroleum storage	68
20. Other evaporative HC sources	2
21. Open-burning dumps	0
22. Industrial incineration	0
23. Other incineration	4
Total	442

[a] Data available from National Emissions Data System as of August 30, 1975.

NEVADA

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules: In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	85	79	4	2
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)	2	2		
2. NON-FERROUS SMELTERS (SO_2)	1		1	
3. STEEL PROCESSES (TSP)				
a. Coke batteries				
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces				
e. Basic oxygen furnaces				
f. Blast furnaces				

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	16
2. Field investigations	18,527
TOTAL	18,543

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	129
2. Administrative orders issued	13
3. Civil/criminal proceedings initiated	52
TOTAL	194

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Nevada, Fallon	Jack N. Tedford, Inc. Hot asphalt batch plant	Violation of visible emission regs.	Notice of violation issued 12/31/74.	
Nevada, Gabbs	Basic Industries Magnesium Factory	Violation of particulate & opacity emission regs.	Notice of violation issued 5/2/74.	New reg. proposed in Fed. Reg. 8/17/75. State adopted revised reg. and placed source on complia schedule.
Nevada, Mohave	Southern California Edison Co. Mohave Power Plant	Violation opacity and sulfur oxides emission regs.	Notice of violation issued 7/9/73;order issued 11/1/73; amended order issued 9/18/74.	Inviolation of terms . of order; case under review.

EPA REGION X

ALASKA
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WASHINGTON

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ALASKA

Table A . ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
008. Cook Inlet	SO_2		TSP Fugitive dust area
009. Northern Alaska	SO_2	TSP Fugitive dust area	
010. South Central Alaska	TSP SO_2		
011. Southeastern Alaska	TSP SO_2		

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

ALASKA

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
008. Cook Inlet							
TSP	10	9	4	10	4	10	0
SO_2 Daily	1	0	0	0	0	0	0
Hourly	0	0	0	0	0	1	0
CO	0	0	-	1	-	1	-
O_x	0	0	-	0	-	0	-
009. Northern Alaska							
TSP	9	9	1	11	4	10	0
SO_2 Daily	1	1	0	1	0	0	0
Hourly	0	0	0	0	0	1	0
CO	1	2	-	3	-	3	-
O_x	0	0	-	0	-	0	-
010. South Central Alaska							
TSP	1	0	0	0	0	0	0
SO_2 Daily	1	0	0	0	0	0	0
Hourly	0	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
011. Southeastern Alaska							
TSP	8	4	0	6	2	6	0
SO_2 Daily	3	0	0	4	0	0	0
Hourly	1	0	0	0	0	4	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

ALASKA

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

None

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	EPA promulgation (November 27, 1973) is in effect for Northern Alaska Intrastate AQCR. Enforcement of the TCP was stayed by the Ninth Circuit Court on August 15, 1975. The Court has remanded the plan to EPA for reevaluation of air quality.
Emission limitations	1. State plan is disapproved for CO in Northern Alaska AQCR. 2. State plan is approved for all pollutants.

ALASKA

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	15	580
Actual resources available FY 75	15	329

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	5
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	12
3. Coal-fired industrial boilers, 10-100 million Btu/hr	0
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	43
5. Residual oil-fired boilers, 10-100 million Btu/hr	4
6. Coal-fired boilers less than 10 million Btu/hr	6
7. Small and miscellaneous boilers	103
8. Chemical manufacture	1
9. Food and agricultural	0
10. Iron and steel industry	0
11. Primary non-ferrous metallurgy	0
12. Secondary metallurgy	0
13. Portland cement manufacture	0
14. Stone quarrying	0
15. Other mineral products	6
16. Petroleum processing	19
17. Wood products	16
18. Other industry	1
19. Petroleum storage	23
20. Other evaporative HC sources	131
21. Open-burning dumps	4
22. Industrial incineration	13
23. Other incineration	16
	7
Total	410

[a] Data available from National Emissions Data System as of August 30, 1975.

ALASKA

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	71	64	7	0
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)				
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries				
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces				
e. Basic oxygen furnaces				
f. Blast furnaces				

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	0
2. Field investigations	106
TOTAL	106

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	0
2. Administrative orders issued	4
3. Civil/criminal proceedings initiated	0
TOTAL	4

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Alaska, Haines	Schnabel Lumber Co. Teepee burner	Failure to bring teepee burner into compliance with schedule.	Notice of violation issued 12/23/74.	
Alaska, Ketchikan	Herring Box Lumber Teepee burner	Failure to bring teepee burner into compliance	Notice of violation issued 12/23/74.	

IDAHO
Table A . ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
061. Eastern Idaho		TSP Fugitive dust area & industrial emissions SO_2 Point sources	
*062. Eastern Washington-Northern Idaho Interstate (Wash.)		TSP Fugitive dust area & industrial emissions SO_2[b] - 2-yr extension from attainment date	
063. Idaho	SO_2		TSP Fugitive dust area
064. Metropolitan Boise	SO_2	TSP Fugitive dust area	

* = Interstate AQCR

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[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

IDAHO

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]

CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
061. Eastern Idaho							
TSP	12	10	3	7	2	6	4
SO_2 Daily	3	0	0	0	0	0	0
Hourly	1	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*062. Eastern Washington-Northern Idaho (Wash.)							
TSP	10	9	6	8	4	12	4
SO_2 Daily	3	0	0	4	0	0	0
Hourly	2	0	0	3	0	4	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
063. Idaho							
TSP	5	3	2	3	0	1	0
SO_2 Daily	1	0	0	0	0	0	0
Hourly	0	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
064. Metropolitan Boise							
TSP	8	7	6	7	6	5	4
SO_2 Daily	1	0	0	0	0	0	0
Hourly	0	0	0	0	0	0	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

IDAHO
Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

None

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is in effect.
Transportation control plans	None required.
Emission limitations	1. Proposed disapproval of Regulation S for control of SO_2 emissions was published April 10, 1975. 2. EPA proposed disapproval of Regulation R and proposed replacement regulations on August 20, 1975. 3. State plan is approved for other pollutants.

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	27	680
Actual resources available FY 75	18	412

[a]See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	1
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	10
3. Coal-fired industrial boilers, 10-100 million Btu/hr	1
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	49
5. Residual oil-fired boilers, 10-100 million Btu/hr	5
6. Coal-fired boilers less than 10 million Btu/hr	0
7. Small and miscellaneous boilers	23
8. Chemical manufacture	42
9. Food and agricultural	194
10. Iron and steel industry	0
11. Primary non-ferrous metallurgy	34
12. Secondary metallurgy	0
13. Portland cement manufacture	1
14. Stone quarrying	18
15. Other mineral products	95
16. Petroleum processing	0
17. Wood products	10
18. Other industry	47
19. Petroleum storage	12
20. Other evaporative HC sources	1
21. Open-burning dumps	1
22. Industrial incineration	86
23. Other incineration	0
Total	630

[a]Data available from National Emissions Data System as of August 30, 1975.

IDAHO

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	82	64	18	0
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)				
2. NON-FERROUS SMELTERS (SO_2)	1*			
3. STEEL PROCESSES (TSP)				
a. Coke batteries				
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces				
e. Basic oxygen furnaces				
f. Blast furnaces				

*SIP is disapproved, EPA proposed regulations 10/74, promulgation expected soon

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	1
2. Field investigations	241
TOTAL	242

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	2
2. Administrative orders issued	1
3. Civil/criminal proceedings initiated	0
TOTAL	3

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Idaho Lewiston	Potlatch Corp. Kraft Pulp Mill Indust. Boilers	Violation of opacity and particulate emission regs.	Notice of violation issued 2/8/74. Administrative order issued 4/8/74.	Presently in compliance with terms of order.
Idaho Pocatello	FMC Corp. Phosphorus Mfg.	Coolers #1 and #2 violate particulate regs.	Notice of violation issued 3/8/74 and 11/21/74.	
Idaho. Osburn	Pack River Co. Wigwam burner	Violation of visible emission std.	Notice of violation issued 4/28/75. Order issued 7/14/75.	Source in compliance with terms of order.
Idaho, Conda	Beker Industries Corp. Sulfuric acid plant	Violation of NSPS regulations for sulfuric acid plants.	Notice of violation issued 5/20/75.	Source in compliance
Idaho, Don	J.R. Simplot Co. Phosphate plant	Violation of Fugitive dust and particulate matter stds.	Consent order issued 6/27/75	Source in compliance with terms of order.
Idaho, Don	J.R. Simplot Co. Nitric Acid Plant	Violation of NSPS regs for nitric acid plants.	Notice of violation issued 12/24/75.	Consent order sent to source for signature 7/16/75.

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Idaho, Idaho Falls	Kennaday Paving Co. Mobile asphalt plant	Violation of NSPS regulations for asphalt plants.	Notice of violation issued 2/6/75. Administrative order issued 6/2/75.	Source complied with terms of order.
Idaho, Kellogg	Bunker Hill Company Lead Smelter	Violation of Fugitive emissions std.	Notice of Violation issued 6/17/75.	
Idaho, Nampa	Amalgamated Sugar Co. Sugar Mfg.	Violation of particulate matter std.	Administrative order issued 12/24/74.	Source in compliance with terms of order.
Idaho, Rupert	Amalgamted Sugar Co. Sugar Mfg.	Violation of particulate matter stds.	Consent order issued 12/24/75.	Source in compliance with terms of order.
Idaho, TwinFalls	Amalgamated Sugar Co. Sugar Mfg.	Violation of particulate matter stds.	Consent order issued 12/24/75.	Source in compliance with terms of order.

OREGON

Table A. ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
190. Central Oregon	SO_2		TSP
191. Eastern Oregon	SO_2		TSP Fugitive dust area
192. Northwest Oregon	TSP SO_2		
*193. Portland Interstate (Wash.)	SO_2	TSP[b]	
194. Southwest Oregon	SO_2	TSP Point sources	

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

OREGON

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a]

CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
190. Central Oregon							
TSP	4	4	0	5	3	4	4
SO_2 Daily	1	0	0	1	0	0	1
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
191. Eastern Oregon							
TSP	3	3	0	4	3	4	3
SO_2 Daily	1	0	0	1	0	0	1
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
192. Northwest Oregon							
TSP	1	1	0	1	0	1	1
SO_2 Daily	1	0	0	1	0	0	1
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
*193. Portland (Wash.)							
TSP	14	34	1	33	29	33	29
SO_2 Daily	3	1	1	5	0	2	5
Hourly	1	2	0	2	2	5	1
CO	4	2	-	4	-	5	-
O_x	3	1	-	3	-	5	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

OREGON (continued)
Table B. AIR QUALITY MONITORING ACTIVITY
REPORTED TO SAROAD[a]
CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
194. Southwest Oregon							
TSP	5	6	1	6	5	6	5
SO_2 Daily	1	0	0	1	0	0	1
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

OREGON

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Portland-Vancouver Interstate (Oregon portion)	X	X	X	X	
Eugene-Springfield	X				
Medford-Ashland	X				

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	1. A mandatory inspection/maintenance program was implemented in Portland on July 1, 1975. 2. City of Portland has adopted a parking plan which places a ban on downtown parking. City has also changed zoning laws to allow only a maximum number of parking spaces with new facilities rather than the previous system of specifying a minimum number of parking spaces.
Emission limitations	State plan is approved for all pollutants.

OREGON

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	191	3712
Actual resources available FY 75	109	2429

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	2
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	11
3. Coal-fired industrial boilers, 10-100 million Btu/hr	1
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	133
5. Residual oil-fired boilers, 10-100 million Btu/hr	36
6. Coal-fired boilers less than 10 million Btu/hr	0
7. Small and miscellaneous boilers	96
8. Chemical manufacture	23
9. Food and agricultural	38
10. Iron and steel industry	0
11. Primary non-ferrous metallurgy	0
12. Secondary metallurgy	37
13. Portland cement manufacture	8
14. Stone quarrying	10
15. Other mineral products	27
16. Petroleum processing	7
17. Wood products	1,387
18. Other industry	90
19. Petroleum storage	42
20. Other evaporative HC sources	13
21. Open-burning dumps	6
22. Industrial incineration	88
23. Other incineration	7
Total	2,062

[a] Data available from National Emissions Data System as of August 30, 1975.

OREGON

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	219	155	43	21
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)				
2. NON-FERROUS SMELTERS (SO_2)				
3. STEEL PROCESSES (TSP)				
a. Coke batteries				
b. Sinter lines				
c. Open hearth furnaces				
d. Electric arc furnaces	8			8
e. Basic oxygen furnaces				
f. Blast furnaces				

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	0
2. Field investigations	703
TOTAL	703

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	304
2. Administrative orders issued	146
3. Civil/criminal proceedings initiated	5
TOTAL	455

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table H. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Oregon, Baker	Ellingson Lumber Wigwan wasteburner	Violation of particulate matter and visible emissions stds.	Notice of violation issued 6/27/75.	
Oregon, Coos Bay	Georgia Pacific Corp. Hog-fuel boilers	Violation of particulate and visible emissions stds.	Notice of violation issued 8/7/75.	
Oregon, Lime	Oregon Portland Cement Co. Cement plant	Violation of particulate matter and visible emissions stds.	Notice of violation issued 3/21/75. Administrative order issued 6/27/75.	Company in compliance with terms of order.

WASHINGTON

Table A . ESTIMATED ATTAINMENT OF NATIONAL TSP AND SO_2 AMBIENT AIR QUALITY STANDARDS BY AIR QUALITY CONTROL REGION[a]

AQCR	Probably will attain	Probably will not attain	Attainment status uncertain
*062. Eastern Washington-Northern Idaho Interstate (Idaho)	SO_2[b]	TSP Fugitive dust area	
*193. Portland Interstate (Oregon)	TSP[b] SO_2		
227. Northern Washington	SO_2		TSP Fugitive dust area
228. Olympia-Northwest Washington	TSP SO_2		
229. Puget Sound	SO_2	TSP -Point sources	
230. South Central Washington	SO_2	TSP Fugitive dust area	

* = Interstate AQCR

[a] Attainment is based on most recent air quality data available; these do not, in all cases, reflect final compliance. Estimated attainment status for both TSP (total suspended particulate) and SO_2 (sulfur dioxide) is based on annual and/or 24-hour averages. Comments noting factors that prevent attainment are occasionally included in the last two columns; these comments, like the attainment status, are best estimates and/or judgments.

[b] Estimated attainment status for this pollutant is different in another State portion of this interstate AQCR.

WASHINGTON

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
*062. Eastern Washington-Northern Idaho (Idaho)							
TSP	14	13	10	11	8	9	9
SO_2							
Daily	1	1	1	3	0	1	2
Hourly	1	1	1	1	1	3	0
CO	2	2	-	3	-	4	-
O_x	2	0	-	0	-	0	-
*193. Portland (Ore.)							
TSP	7	6	4	7	6	6	6
SO_2							
Daily	0	0	0	0	0	2	0
Hourly	3	2	1	2	0	1	0
CO	2	2	-	1	-	1	-
O_x	1	0	-	0	-	1	-
227. Northern Washington							
TSP	6	5	3	3	3	3	3
SO_2							
Daily	1	0	0	1	0	0	1
Hourly	0	0	0	0	0	1	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-
228. Olympia-Northern Washington							
TSP	13	9	7	9	6	3	2
SO_2							
Daily	1	0	0	1	0	3	1
Hourly	3	1	0	3	0	3	0
CO	0	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

*.= Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

WASHINGTON (continued)

Table B. AIR QUALITY MONITORING ACTIVITY REPORTED TO SAROAD[a] CY 1972-74

AQCR/Pollutant	No. monitors proposed in SIP for 1974	No. monitors reporting					
		1972		1973		1974	
		Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]	Minimum data[b]	Valid annual average[c]
229. Puget Sound							
TSP	24	24	21	23	19	18	13
SO_2 Daily	0	3	2	3	0	3	3
Hourly	14	3	2	4	3	3	1
CO	4	4	-	6	-	5	-
O_x	4	0	-	1	-	8	-
230. South Central Washington							
TSP	8	9	5	5	5	6	5
SO_2 Daily	1	0	0	1	0	0	1
Hourly	0	0	0	0	0	1	0
CO	1	0	-	0	-	0	-
O_x	0	0	-	0	-	0	-

* = Interstate AQCR

[a] SAROAD = Storage and Retrieval of Aerometric Data. This table includes only data that have been reported according to the system's specifications. In some cases, other data may exist but may not have been properly reported or verified.

[b] At least three 24-hour values for intermittent monitors or 400 hourly values for continuous monitors.

[c] Can be calculated if four consecutive quarters (a calendar year) of statistically valid data are available. Valid annual averages are not available for CO and O_x.

WASHINGTON

Table C. DESIGNATED AIR QUALITY MAINTENANCE AREAS

AQMA[a]	Pollutant				
	TSP	SO_2	CO	O_x	NO_2
Puget Sound	X				
Spokane	X				
Portland-Vancouver Interstate (Washington portion)	X	X	X	X	

[a] AQMAs are designated by central city, district, descriptive name, etc.; specific boundaries are given in the Federal Register.

Table D. STATUS OF SELECTED PORTIONS OF THE STATE IMPLEMENTATION PLAN

SIP portion	Status
Review of new stationary sources	State plan is approved.
Transportation control plans	1. City of Seattle is implementing a carpool program. 2. Seattle is improving its mass transit system -- Blue Streak express service, exclusive bus lanes, free fare zone in the downtown area. 3. Seattle City Council has approved a resolution favoring a program to manage the supply and location of parking facilities, emphasizing park-and-ride lots.
Emission limitations	1. State plan is disapproved for CO in the Washington portion of the Eastern Washington-Northern Idaho interstate AQCR, and for O_x in Puget Sound AQCR. 2. State plan is approved for other pollutants.

WASHINGTON

Table E. COMPARISON OF PROJECTED AND ACTUAL RESOURCES FOR FY 75[a]

Resources	Man-years	10^3 Dollars
Resource needs projected for FY 75 in SIP (revised)	252	8908[b]
Actual resources available FY 75	120	2743

[a] See the discussion of terms used in this table in the introduction to the State Profile section.

[b] Estimate includes the capital expenditures for Inspection/Maintenance program.

Table F. NUMBER OF EMISSION-PRODUCING PROCESSES IN SELECTED SOURCE CATEGORIES[a]

Source category	Number
1. Electric power plant boilers over 10 million Btu/hr	20
2. Coal- or residual oil-fired boilers over 100 million Btu/hr	67
3. Coal-fired industrial boilers, 10-100 million Btu/hr	4
4. Coal-fired commercial/institutional boilers, 10-100 million Btu/hr	152
5. Residual oil-fired boilers, 10-100 million Btu/hr	111
6. Coal-fired boilers less than 10 million Btu/hr	3
7. Small and miscellaneous boilers	233
8. Chemical manufacture	50
9. Food and agricultural	150
10. Iron and steel industry	3
11. Primary non-ferrous metallurgy	49
12. Secondary metallurgy	67
13. Portland cement manufacture	11
14. Stone quarrying	43
15. Other mineral products	197
16. Petroleum processing	84
17. Wood products	274
18. Other industry	204
19. Petroleum storage	107
20. Other evaporative HC sources	88
21. Open-burning dumps	8
22. Industrial incineration	190
23. Other incineration	14
Total	2129

[a] Data available from National Emissions Data System as of August 30, 1975.

WASHINGTON

Table G. SUMMARY OF STATE ENFORCEMENT PROGRAM (June 30, 1975)

I. COMPLIANCE STATUS OF MAJOR SOURCES

Type of source	Total number identified	Status with respect to emission limits and/or schedules		
		In compliance	In violation	Unknown status
A. ALL MAJOR INSTALLATIONS[a] (capable of emitting 100+ tons/yr. of a pollutant)	225	196	28	1
B. NATIONAL PRIORITY SOURCES[b]				
1. COAL-FIRED POWER PLANTS (SO_2)				
2. NON-FERROUS SMELTERS (SO_2)	1	1		
3. STEEL PROCESSES (TSP) a. Coke batteries b. Sinter lines c. Open hearth furnaces d. Electric arc furnaces e. Basic oxygen furnaces f. Blast furnaces	6	4		2

II. ENFORCEMENT PROGRAM ACTIVITY[a] (7/1/74 to 6/30/75)

A. INVESTIGATIONS OF COMPLIANCE STATUS

1. Formal written inquiries	0
2. Field investigations	394
TOTAL	394

B. CASE DEVELOPMENT ACTIONS

1. Notices/citations of violation issued	942
2. Administrative orders issued	129
3. Civil/criminal proceedings initiated	191
TOTAL	1,262

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[a] "Formal Reporting System - State Activity Report," EPA Office of Planning and Management, Program Reporting Division, June 30, 1975. Numbers represent state and local enforcement activity.

[b] Survey of Regional Offices by DSSE (8/30/75).

Table II. SUMMARY OF EPA ENFORCEMENT ACTIONS

STATE/CITY	COMPANY/TYPE OF SOURCE	COMPANY POLLUTION PROBLEM	TYPE OF ACTION	RESULTS/STATUS
Washington, Connell	Connell, City of Open burning	Violation of open burning (Particulate) Stds.	Notice of violation issued 9/21/73. Admin. order issued 12/11/73. Amended order issued 9/19/74.	In compliance with order.
Washington, Dayton	Dayton, City of Open burning	Violation of open burning (Particulate) reqs.	Notice of violation issued 9/21/73. Admin. order issued 12/12/73.	Presently complying with order
Washington, Lamont	Lamont, City of Open burning	Violation of open burning (particulate) reqs.	Notice of violation issued 9/21/73,order. Admin. order issued 12/12/73.	Presently complying with
Washington, Long Beach	Peninsula Sanitation Service Open burning	Violation of open burning (particulate) stds.	Notice of violation issued 10/17/73.	Compliance status being reverified.
Washington, Oaksdale	Oaksdale, City of Open burning	Violation of open burning (Particulate) stds.	Notice of violation issued 9/21/73. Admin. order issued 12/12/73.	Presently complies with order.
Washington, Port Angeles	Peninsula Plywood Corp. Hog-fuel boilers	Violation of particulate matter and visible emissions stds.	Consent order issued 6/6/75.	Source in compliance with terms of order.
Washington, Whitman	Whitman County Open burning	Violation of open burning (particulate) stds.	Notice of violation issued 9/21/73. Admin. order issued 12/12/73.	In technical violation of order, county taking action.

END